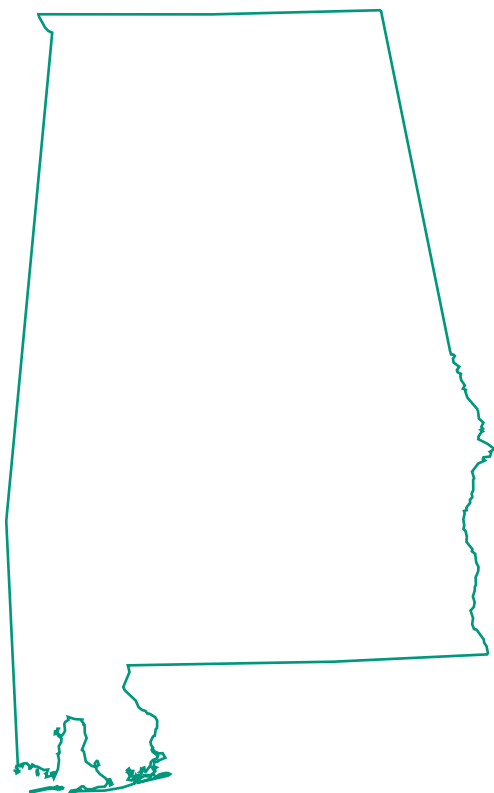


Water Resources Data Alabama Water Year 2005

Water-Data Report AL-05-1



**U.S. Department of the Interior
U.S. Geological Survey**



**Prepared in cooperation with the Alabama Department of
Environmental Management, the Alabama Department of
Transportation, and with other State, municipal, and Federal
agencies**

Calendar for Water Year 2005

2004

October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4							1		1	2	3	4	5	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			
							30													

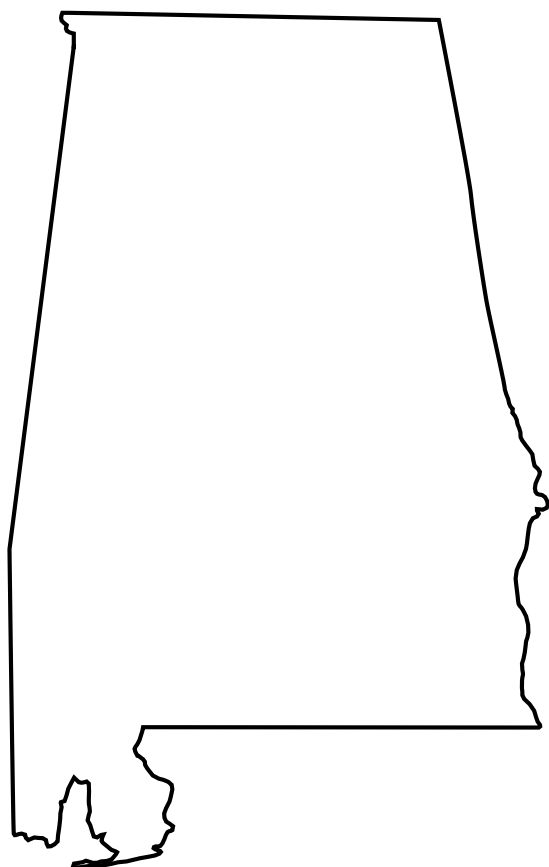
2005

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7		1	2	3	4	5	6
4	5	6	7	8	9	10	8	9	10	11	12	13	14	7	8	9	10	11	12	13
11	12	13	14	15	16	17	15	16	17	18	19	20	21	14	15	16	17	18	19	20
18	19	20	21	22	23	24	22	23	24	25	26	27	28	21	22	23	24	25	26	27
25	26	27	28	29	30	31	29							28	29	30	31			
April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3							1			1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		

Water Resources Data Alabama Water Year 2005

By W.L. Psinakis, D.S. Lambeth, V.E. Stricklin, and M.W. Treece

Water-Data Report AL-05-1



Prepared in cooperation with the Alabama Department of Environmental Management, the Alabama Department of Transportation, and with other State, municipal, and Federal



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2005

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PREFACE

This volume of the annual hydrologic data report of Alabama is one of a series of annual reports that document hydrologic data gathered from the U.S. Geological Survey's surface- and ground-water data-collection network in each State, Puerto Rico, and the Trust Territories. These records of streamflow, ground-water levels, and quality of water provide the hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Hydrologic data for Alabama are contained in one volume.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines. The following individuals contributed significantly to the collection, processing, and tabulation of the data:

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13. ABSTRACT (Maximum 200 words) Water resources data for the 2005 water year for Alabama consist of records of stage, discharge, and water quality of streams; stages and contents of lakes and reservoirs; and water levels in wells. This report includes records on both surface and ground water in the State. Specifically, it contains: (1) discharge records for 131 streamflow-gaging stations and 23 partial-record or miscellaneous streamflow stations; (2) stage and content records for 14 lakes and reservoirs and stage at 44 stations; (3) water-quality records for 125 streamflow-gaging stations and 67 ungaged streamsites; (4) water temperature at 179 surface-water stations; (5) specific conductance at 180 stations; (6) dissolved oxygen at 17 stations; (7) turbidity at 52 stations; (8) sediment data at 2 stations; (9) water-level records for 2 recording observation wells; and (10) water-quality records for 6 ground-water stations. Also included are lists of active and discontinued continuous-record surface-water-quality stations, and partial-record and miscellaneous surface-water-quality stations. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating Federal, State, and local agencies in Alabama.				
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(s) sediment, (g) gage height, (e) elevation, (k) specific conductance, (o) dissolved oxygen, (u) turbidity]

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INTRODUCTION

The Water Resources Discipline of the U.S. Geological Survey, in cooperation with State and Federal agencies, obtains a large amount of data pertaining to the water resources of Alabama each water year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological Survey, the data are published annually in this report series entitled "Water Resources Data - Alabama."

This report includes records on both surface and ground water in the state for the 2005 water year that began October 1, 2004 and ended September 30, 2005. Specifically, it contains: (1) discharge records for 131 streamflow-gaging stations and 23 partial-record or miscellaneous streamflow stations; (2) stage and content records for 14 lakes and reservoirs and stage at 44 stations; (3) water-quality records for 125 streamflow-gaging stations and 67 ungaged streamsites; (4) water temperature at 179 surface-water stations; (5) specific conductance at 180 stations; (6) dissolved oxygen at 17 stations; (7) turbidity at 52 stations; (8) sediment data at 2 stations; (9) water-level records for 2 recording observation wells; and (10) water-quality records for 6 ground-water stations.

This series of annual reports for Alabama began with the 1961 water year with a report that contained only data relating to the quantities of surface water. Water-quality records for water years 1964 through 1974 were similarly released either in separate reports or in conjunction with streamflow records. Beginning with the 1975 water year, the report format was changed to present, in one volume, data on quantities of surface water, quality of surface and ground water, and ground-water levels.

Prior to introduction of this series and for several years concurrent with it, water-resources data for Alabama were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States." For the 1961 through 1970 years, the data were published in two 5-year reports. Data on chemical quality, temperature, and suspended sediment for the 1941 through 1970 water years were published annually under the title "Quality of Surface Waters of the United States," and water levels for the 1935 through 1974 water years were published under the title "Ground-Water Levels in the United States." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from U.S. Geological Survey, Branch of Information Services, Federal Center, Box 25286, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report AL-05-1." For archiving and general distribution, the reports for 1971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Additional information for ordering specific reports may be obtained from the USGS Water Science Center director at the address given on the back of the title page or by telephone (334) 395-4120.

COOPERATION

The U.S. Geological Survey and organizations of the State of Alabama have had cooperative agreements for the systematic collection of streamflow records since 1900. Cooperative agreements between the U.S. Geological Survey and the Geological Survey of Alabama for collection of water-resources data have been continuous since 1935. There have been cooperative agreements for the collection of ground-water level records since 1940, and for the collection of water-quality records since 1962. Organizations that assisted in collecting data for this report through cooperative agreements with the Survey and Federal, State, and local agencies who provided assistance in the form of funds and/or services are:

Alabama Department of Conservation
Alabama Department of Economic and Community Affairs
Alabama Department of Environmental Management
Alabama Department of Transportation
Alabama Power Company
Baldwin County Commission
City of Auburn
City of Birmingham, Waterworks Board
City of Brewton
City of Century, Florida
City of Fort Payne, Water and Sewer Board
City of Hoover
City of Huntsville
City of Tarrant
City of Thomasville
City of Tuscaloosa

City of Vestavia Hills
Coffee County Commission
Dallas County Commission
Jefferson County Commission
Marengo County Commission
Mobile Area Water & Sewer System
Montgomery Water Works and Sanitary Sewer Board
Sumter County Commission
Tennessee Valley Authority
Town of Blountsville
Town of Carrollton
Town of Courtland
Town of Falkville
Town of Parrish
U.S. Army Corps of Engineers, Mobile District

SUMMARY OF HYDROLOGIC CONDITIONS

During the 2005 water year, precipitation was greater than normal in the western portion of Alabama, and near normal to slightly below normal elsewhere in the state. Departures from the normal annual precipitation ranged from -5.31 inches at Huntsville, to +15.79 inches at Mobile. Four tropical cyclones affected Alabama during the year, including two (Hurricanes Cindy and Dennis) that affected Alabama within a week of each other. Precipitation totals of up to six inches were recorded from Tropical Storm Arlene in June, nine inches from Hurricane Cindy in July, and nearly seven inches from Hurricane Katrina in August.

Seasonal variations in monthly mean discharge occurred during the year at the 20 index stations listed in Table 1. Comparison of discharge for the 2005 water year to long-term averages at two selected gaging stations (fig. 1) illustrates the general pattern of hydrologic conditions across the state. Monthly mean discharges during the first three months of the water year were above the long-term monthly means at most of the index stations. In October, 14 of the 20 stations had a mean discharge for October greater than their respective long-term October mean discharges; mean discharges at all 20 stations exceeded their long-term November mean discharges, and mean discharges at 18 stations exceeded their long-term December mean discharges. In November, mean discharges at six stations more than quadrupled their long-term mean discharges for that month.

Streamflow conditions during the winter months (January, February, March) decreased substantially. During those months, mean discharges at two stations in January, four stations in February, and three stations in March equalled or exceeded their long-term monthly mean discharges. During January, 12 stations had mean discharges of less than 65 percent of their long-term January mean discharges. For the remainder of the year (April through September), monthly mean discharges exceeded long-term monthly mean discharges at most stations each month except May, when discharges at only four stations exceeded their long-term monthly means. During April, mean discharges at 19 stations met or exceeded their long-term April mean discharges, and during July and August monthly mean discharges at 20 and 19 stations, respectively, exceeded their long-term mean discharges for those months. Moreover, monthly mean discharges for July at 13 stations were more than twice their long-term monthly averages (table 1).

Extremes in monthly mean discharges for the 2005 water year, as related to long-term monthly mean discharges, ranged from a November mean discharge at Kelly Creek that was nearly seven times (692 percent) its long-term mean discharge for that month to a May mean discharge at Big Nance Creek of 17 percent of the long-term mean discharge for May.

Table 1.--Monthly mean discharges in 2005 expressed as a percentage of the long-term monthly mean

Station number and name	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
02342500 Uchee Creek	56	145	78	50	108	143	237	105	480	351	421	111
02361000 Choctawhatchee River	95	110	84	64	66	125	188	102	158	173	197	98
02371500 Conecuh River	125	167	108	51	56	48	201	71	93	197	240	100
02374500 Murder Creek	252	266	162	122	108	67	228	112	237	287	249	222
02378500 Fish River	84	151	134	77	92	84	403	150	150	151	198	115
02401000 Big Wills Creek	132	542	244	51	52	69	99	63	82	171	109	61
02405500 Kelly Creek	132	692	163	50	67	73	107	47	228	347	132	34
02411000 Coosa River	138	328	194	50	74	84	117	73	125	265	134	77
02412000 Tallapoosa River	85	215	138	60	66	78	107	65	109	447	197	86
02422500 Mulberry Creek	106	203	125	68	104	105	138	92	157	344	170	145
02424000 Cahaba River	88	425	154	46	83	87	132	76	279	354	161	107
02438000 Buttahatchee River	231	445	223	75	77	57	106	33	152	182	197	246
02446500 Sipsey River	117	220	279	63	61	60	112	50	330	231	112	276
02450250 Sipsey Fork	147	311	269	67	82	48	121	16	72	373	273	107
02456500 Locust Fork	216	675	221	34	53	81	144	46	109	270	116	33
02465000 Black Warrior River	108	460	256	58	52	56	127	46	298	269	212	179
02467000 Tombigbee River	174	393	293	70	81	63	128	46	330	309	171	323
02471001 Chickasaw Creek	92	156	108	61	79	57	224	97	158	279	222	154
03574500 Paint Rock River	162	365	384	129	102	52	114	28	85	107	42	28
03586500 Big Nance Creek	274	322	373	70	75	42	121	17	68	166	112	80

Annual streamflow during the 2005 water year was above normal. Annual discharges at all 20 stations listed in Table 2 exceeded their respective long-term yearly mean discharges. Most of these stations had yearly mean discharges that ranged from 115 percent to 130 percent of their respective long-term yearly mean discharge. Murder Creek had a yearly mean discharge in 2005 that more than doubled last year's mean discharge and exceeded its long-term yearly mean discharge by 175 percent.

Of the stations listed in Table 2, eight stations had instantaneous peak discharges in the 2005 water year with a recurrence interval of two years or less; eight stations had instantaneous peak discharges with a recurrence interval of between two and five years; one station had an instantaneous peak discharge with a recurrence interval of between five and ten years, and one station had an instantaneous peak discharge with a recurrence interval of 25 years. Thirteen stations reported instantaneous peak discharges in water year 2005 that were greater than their peak discharge in water year 2004. Baseflows were generally higher than in water year 2004. Baseflows were lower at Big Wills Creek, Buttahatchee River, Sipsey River, Locust Fork, and Paint Rock River. All unregulated stations had 7-day minimum average discharge with recurrence intervals of two years or less.

Chemical quality of surface water in Alabama generally is suitable for most uses. The pH of water in most streams was between 7.0 and 8.0, and dissolved-oxygen concentrations were seldom less than 6.0 mg/L. Trace constituent concentrations generally were low and similar to concentrations observed in previous years. Suspended-sediment concentrations were low except during periods of high streamflow. Continuous measurements of dissolved-oxygen concentration, water temperature, and specific conductance were recorded at nine stream gaging stations in Jefferson County. Specific conductance ranged from 45 to 734 microSiemens ($\mu\text{S}/\text{cm}$) at 25 degrees Celsius ($^{\circ}\text{C}$) at these nine stations and mean specific conductance ranged from 168 to 490 $\mu\text{S}/\text{cm}$. Dissolved-oxygen concentrations typically fluctuated seasonally and in a diurnal fashion. Concentrations of dissolved oxygen ranged from 1.9 to 18.6 milligrams per liter (mg/L), with mean concentrations ranging from 8.0 to 9.9 mg/L.

Groundwater is an important part of the public and domestic water supply in Alabama. Of the 913 million gallons per day of water used for public and domestic water supplies, 39.4 percent comes from groundwater (Hutson, et. al. 2004). Precipitation is the sole source of water to the ground-water system, but only a small part of the precipitation that occurs each year actually recharges the ground-water system.

Since recharge of aquifers is entirely dependent on precipitation, natural ground-water levels in Alabama follow the same cyclic pattern of seasonal fluctuation as precipitation. There is generally an increase in water level through the winter and spring and a decrease in water level through the summer and fall. Monitoring ground-water levels in wells provides a measure of the amount of available groundwater. For this reason, it is important to continuously monitor ground-water levels throughout the State.

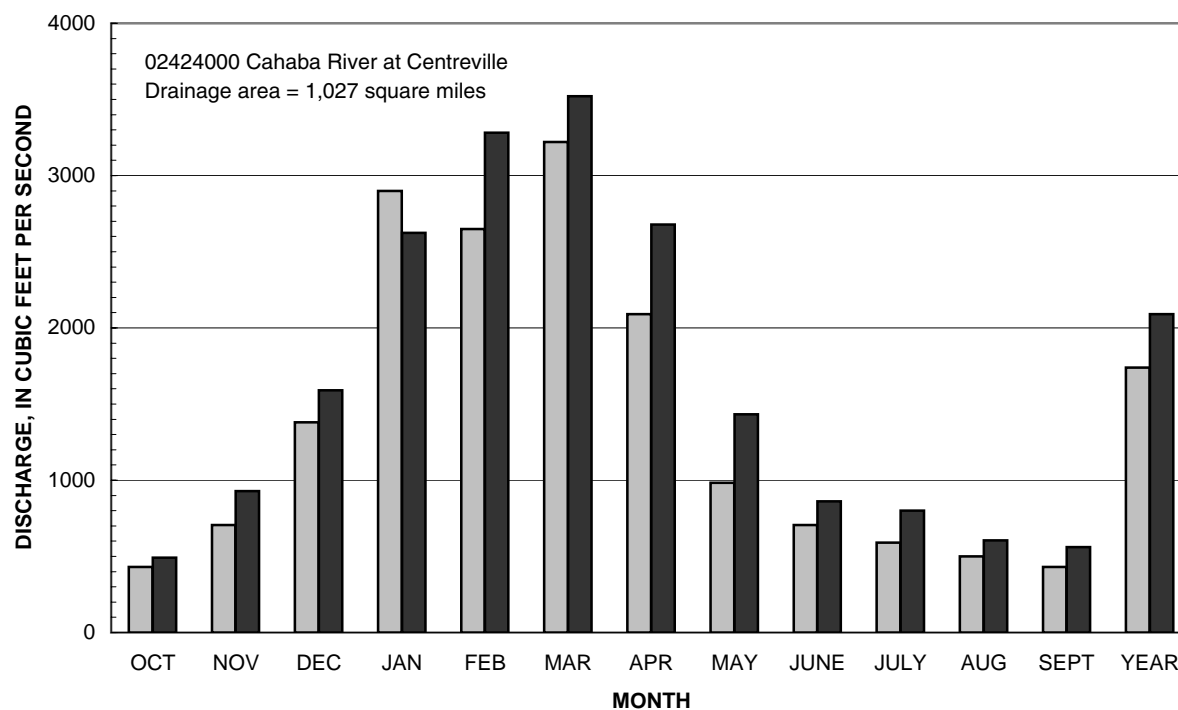
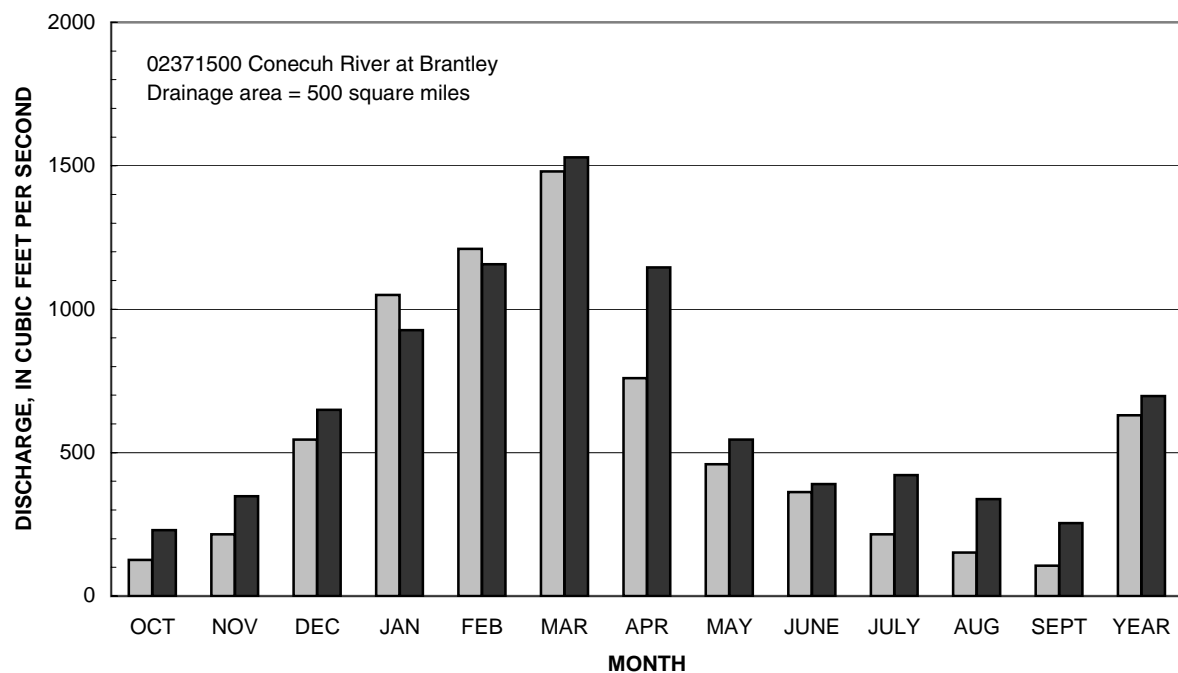
Ground-water levels were monitored continuously in two wells in the State. Station 322047086214301 in Montgomery County (Fig. 2) monitors the Eutaw aquifer of Late Cretaceous age and station 333204087324601 in Tuscaloosa County monitors the Pottsville aquifer of Early and Middle Pennsylvanian age. Water levels recorded in 2005 (Fig. 2) for the observation well in Montgomery County indicate that ground-water conditions were near normal for most of the year, somewhat wetter than normal conditions occurred during spring (April, May), and slightly drier than normal conditions occurred in the early fall.

Reference Cited

Hutson, S.S., Barber, N.L., Kenny, J.F., Linsey, K.S., Lumia, D.S., and Maupin, M.A., 2004, Estimated use of water in the United States in 2000: Reston, Va., U.S. Geological Survey Circular 1268, 46 p.

TABLE 2.--Mean, maximum, and minimum streamflow and recurrence intervals at selected stations.

Station name	Station number	Length of record (years)	Mean		Maximum		Minimum 7-day average (ft ³ /s)	Recurrence interval (years)
			Yearly mean (ft ³ /s)	Percent of long-term average	Peak discharge (ft ³ /s)	Recurrence interval (years)		
Uchee Creek near Fort Mitchell	02342500	59	682	160	15,000	5	44	<2
Choctawhatchee River near Newton	02361000	75	1,110	117	18,900	5	156	2
Conecuh River at Brantley	02371500	68	697	106	6,650	<2	98	<2
Murder Creek near Evergreen	02374500	68	499	175	3,620	2	137	<2
Fish River near Silver Hill	02378500	35	176	152	11,400	25	72	<2
Big Wills Creek near Reece City	02401000	46	352	116	8,980	<5	62	<2
Kelly Creek near Vincent	02405500	37	425	126	unknown	--	14	<2
Coosa River at Jordan Dam near Wetumpka	02411000	81	19,300	119	116,000	--	regulated	
Tallapoosa River near Heflin	02412000	53	771	115	6,200	<2	157	<2
Mulberry Creek at Jones	02422500	63	403	131	6,670	2	84	<2
Cahaba River at Centreville	02424000	78	2,090	130	20,700	<2	277	<2
Buttahatchee River below Hamilton	02438000	35	689	129	24,300	5	86	<2
Sipsey River near Elrod	02446500	62	898	120	13,800	<5	139	<2
Sipsey Fork near Grayson	02450250	39	194	115	6,940	<2	8.6	<2
Locust Fork at Sayre	02456500	67	1,900	130	33,400	5	89	<2
Black Warrior River at Oliver Lock and Dam at Northport	02465000	85	10,200	127	119,000	2	regulated	
Tombigbee River at Demopolis L&D near Coatopa	02467000	77	33,900	141	181,000	2	regulated	
Chickasaw Creek near Kushla	02471001	54	369	134	6,520	<5	106	<2
Paint Rock River near Woodville	03574500	69	877	128	29,000	<10	22	<2
Big Nance Creek at Courtland	03586500	58	341	120	8,000	<5	12	<2



EXPLANATION



MEDIAN OF MONTHLY AND YEARLY MEAN DISCHARGE
FOR REFERENCE PERIOD, 1971-2000



MONTHLY AND YEARLY MEAN DISCHARGE DURING
WATER YEAR 2005

Figure 1.--Comparison of discharge for water year 2005 to the base period 1971-2000 at two long-term representative gaging stations.

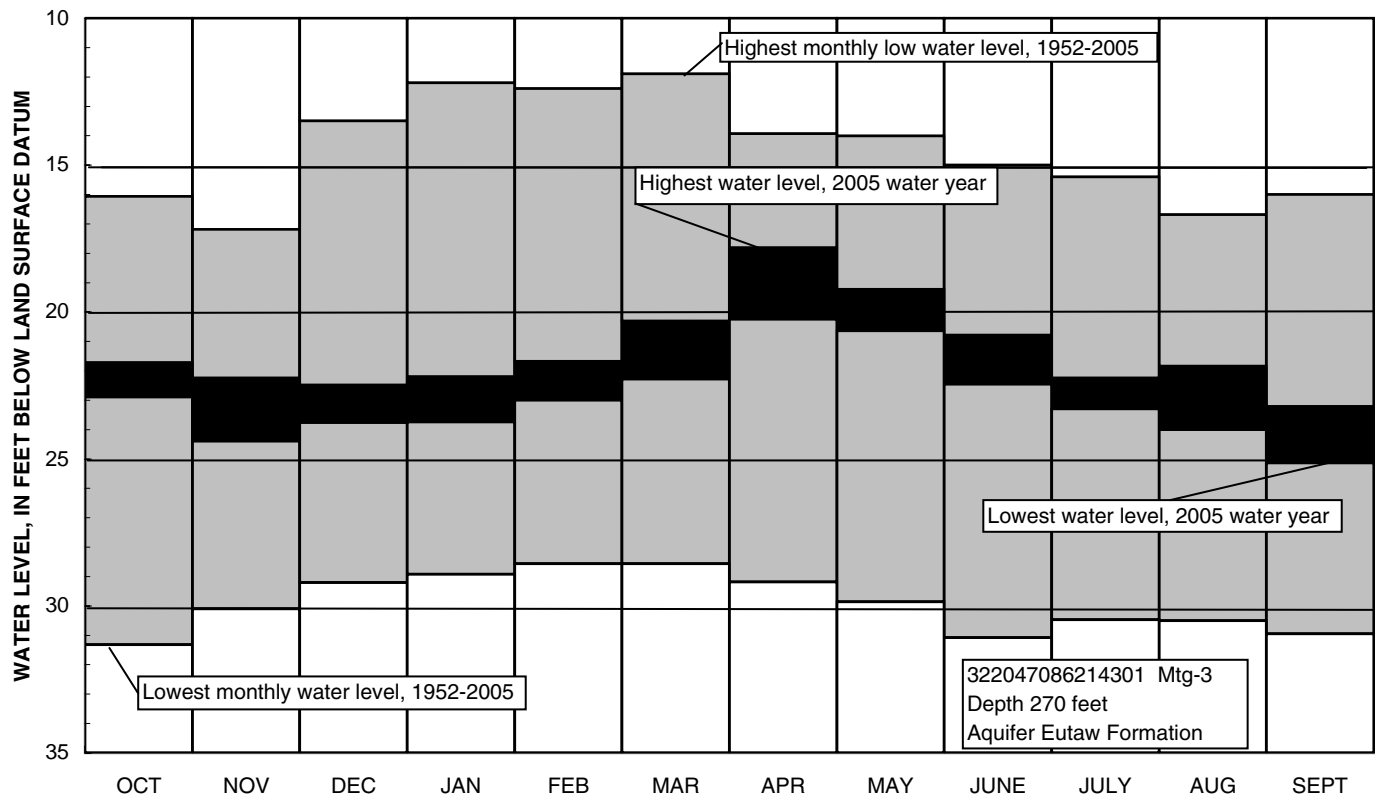


Figure 2.--Comparison of monthly low water levels for water year 2005 to the highest and lowest monthly low water levels for the period of record for an observation well.

DOWNSTREAM ORDER AND STATION NUMBER

Since October 1, 1950, hydrologic-station records in USGS reports have been listed in order of downstream direction along the main stream. All stations on a tributary entering upstream from a main-stream station are listed before that station. A station on a tributary entering between two main-stream stations is listed between those stations. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary on which a station is located with respect to the stream to which it is immediately tributary is indicated by an indentation in that list of stations in the front of this report. Each indentation represents one rank. This downstream order and system of indentation indicates which stations are on tributaries between any two stations and the rank of the tributary on which each station is located.

As an added means of identification, each hydrologic station and partial-record station has been assigned a station number. These station numbers are in the same downstream order used in this report. In assigning a station number, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list composed of both types of stations. Gaps are consecutive. The complete 8-digit (or 10-digit) number for each station such as 09004100, which appears just to the left of the station name, includes a 2-digit part number "09" plus the 6-digit (or 8-digit) downstream order number "004100." In areas of high station density, an additional two digits may be added to the station identification number to yield a 10-digit number. The stations are numbered in downstream order as described above between stations of consecutive 8-digit numbers.

NUMBERING SYSTEM FOR WELLS AND MISCELLANEOUS SITES

The USGS well and miscellaneous site-numbering system is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, and the next 7 digits denote degrees, minutes, and seconds of longitude; the last 2 digits are a sequential number for wells within a 1-second grid. In the event that the latitude-longitude coordinates for a well and miscellaneous site are the same, a sequential number such as "01," "02," and so forth, would be assigned as one would for wells (see fig. 3). The 8-digit, downstream order station numbers are not assigned to wells and miscellaneous sites where only random water-quality samples or discharge measurements are taken.

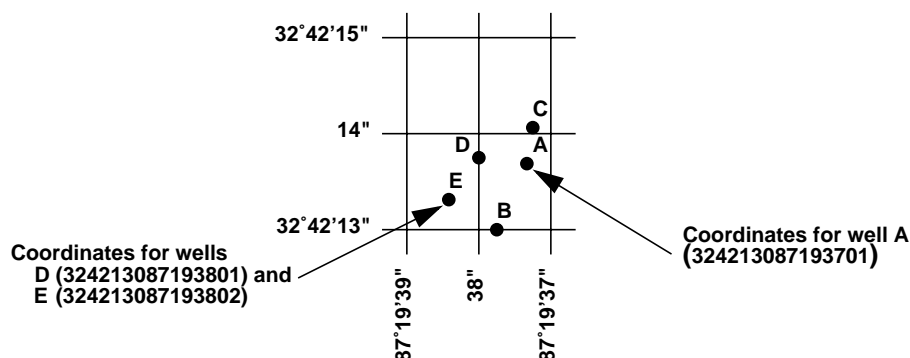


Figure 3.--System for numbering wells and other off-stream sites (latitude and longitude).

SPECIAL NETWORKS AND PROGRAMS

Hydrologic Benchmark Network is a network of 61 sites in small drainage basins in 39 States that was established in 1963 to provide consistent streamflow data representative of undeveloped watersheds nationwide, and from which data could be analyzed on a continuing basis for use in comparison and contrast with conditions observed in basins more obviously affected by human activities. At selected sites, water-quality information is being gathered on major ions and nutrients, primarily to assess the effects of acid deposition on stream chemistry. Additional information on the Hydrologic Benchmark Program may be accessed from <http://ny.cf.usgs.gov/hbn/>.

National Stream-Quality Accounting Network (NASQAN) is a network of sites used to monitor the water quality of large rivers within the Nation's largest river basins. From 1995 through 1999, a network of approximately 40 stations was operated in the Mississippi, Columbia, Colorado, and Rio Grande River basins. For the period 2000 through 2004, sampling was reduced to a few index stations on the Colorado and Columbia Rivers so that a network of five stations could be implemented on the Yukon River. Samples are collected with sufficient frequency that the

flux of a wide range of constituents can be estimated. The objective of NASQAN is to characterize the water quality of these large rivers by measuring concentration and mass transport of a wide range of dissolved and suspended constituents, including nutrients, major ions, dissolved and sediment-bound heavy metals, common pesticides, and inorganic and organic forms of carbon. This information will be used (1) to describe the long-term trends and changes in concentration and transport of these constituents; (2) to test findings of the National Water-Quality Assessment (NAWQA) Program; (3) to characterize processes unique to large-river systems such as storage and remobilization of sediments and associated contaminants; and (4) to refine existing estimates of off-continent transport of water, sediment, and chemicals for assessing human effects on the world's oceans and for determining global cycles of carbon, nutrients, and other chemicals. Additional information about the NASQAN Program may be accessed from <http://water.usgs.gov/nasqan/>.

The National Atmospheric Deposition Program/National Trends Network (NADP/NTN) is a network of monitoring sites that provides continuous measurement and assessment of the chemical constituents in precipitation throughout the United States. As the lead Federal agency, the USGS works together with over 100 organizations to provide a long-term, spatial and temporal record of atmospheric deposition generated from this network of 250 precipitation-chemistry monitoring sites. The USGS supports 74 of these 250 sites. This long-term, nationally consistent monitoring program, coupled with ecosystem research, provides critical information toward a national scorecard to evaluate the effectiveness of ongoing and future regulations intended to reduce atmospheric emissions and subsequent impacts to the Nation's land and water resources. Reports and other information on the NADP/NTN Program, as well as data from the individual sites, may be accessed from <http://bqs.usgs.gov/acidrain/>.

The USGS National Water-Quality Assessment (NAWQA) Program is a long-term program with goals to describe the status and trends of water-quality conditions for a large, representative part of the Nation's ground- and surface-water resources; to provide an improved understanding of the primary natural and human factors affecting these observed conditions and trends; and to provide information that supports development and evaluation of management, regulatory, and monitoring decisions by other agencies.

Assessment activities are being conducted in 42 study units (major watersheds and aquifer systems) that represent a wide range of environmental settings nationwide and that account for a large percentage of the Nation's water use. A wide array of chemical constituents is measured in ground water, surface water, streambed sediments, and fish tissues. The coordinated application of comparative hydrologic studies at a wide range of spatial and temporal scales will provide information for water-resources managers to use in making decisions and a foundation for aggregation and comparison of findings to address water-quality issues of regional and national interest.

Communication and coordination between USGS personnel and other local, State, and Federal interests are critical components of the NAWQA Program. Each study unit has a local liaison committee consisting of representatives from key Federal, State, and local water-resources agencies, Indian nations, and universities in the study unit. Liaison committees typically meet semiannually to discuss their information needs, monitoring plans and progress, desired information products, and opportunities for collaboration among the agencies. Additional information about the NAWQA Program may be accessed from <http://water.usgs.gov/nawqa/>.

The USGS National Streamflow Information Program (NSIP) is a long-term program with goals to provide framework streamflow data across the Nation. Included in the program are creation of a permanent Federally funded streamflow network, research on the nature of streamflow, regional assessments of streamflow data and databases, and upgrades in the streamflow information delivery systems. Additional information about NSIP may be accessed from <http://water.usgs.gov/nsip/>.

EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS

Data Collection and Computation

The base data collected at gaging stations (fig. 4-19) consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and volume of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from a water-stage recorder that is either downloaded electronically in the field to a laptop computer or similar device or is transmitted using telemetry such as GOES satellite, land-line, or by radio transmission. Measurements of discharge are made with a current meter or acoustic Doppler current profiler, using the general methods adopted by the USGS. These methods are described in standard textbooks, USGS Water-Supply Paper 2175, and the

Techniques of Water-Resources Investigations of the United States Geological Survey (TWRI), Book 3, Chapters A1 through A19 and Book 8, Chapters A2 and B2, which may be accessed from <http://water.usgs.gov/pubs/twri/>. The methods are consistent with the American Society for Testing and Materials (ASTM) standards and generally follow the standards of the International Organization for Standardization (ISO).

For stream-gaging stations, discharge-rating tables for any stage are prepared from stage-discharge curves. If extensions to the rating curves are necessary to express discharge greater than measured, the extensions are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted-opening measurements, or computation of flow over dams and weirs), step-backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the daily values. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features of the stream channel, the daily mean discharge is computed by the shifting-control method in which correction factors that are based on individual discharge measurements and notes by engineers and observers are used when applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the controlling section, the daily mean discharge is computed by the shifting-control method.

The stage-discharge relation at some stream-gaging stations is affected by backwater from reservoirs, tributary streams, or other sources. Such an occurrence necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage at some distance from the base gage.

An index velocity is measured using ultrasonic or acoustic instruments at some stream-gaging stations, and this index velocity is used to calculate an average velocity for the flow in the stream. This average velocity along with a stage-area relation is then used to calculate average discharge.

At some stations, the stage-discharge relation is affected by changing stage. At these stations, the rate of change in stage is used as a factor in computing discharge.

At some stream-gaging stations in the northern United States, the stage-discharge relation is affected by ice in the winter; therefore, computation of the discharge in the usual manner is impossible. Discharge for periods of ice effect is computed on the basis of gage-height record and occasional winter-discharge measurements. Consideration is given to the available information on temperature and precipitation, notes by gage observers and hydrologists, and comparable records of discharge from other stations in the same or nearby basins.

For a lake or reservoir station, capacity tables giving the volume or contents for any stage are prepared from stage-area relation curves defined by surveys. The application of the stage to the capacity table gives the contents, from which the daily, monthly, or yearly changes are computed.

If the stage-capacity curve is subject to changes because of deposition of sediment in the reservoir, periodic resurveys of the reservoir are necessary to define new stage-capacity curves. During the period between reservoir surveys, the computed contents may be increasingly in error due to the gradual accumulation of sediment.

For some stream-gaging stations, periods of time occur when no gage-height record is obtained or the recorded gage height is faulty and cannot be used to compute daily discharge or contents. Such a situation can happen when the recorder stops or otherwise fails to operate properly, the intakes are plugged, the float is frozen in the well, or for various other reasons. For such periods, the daily discharges are estimated on the basis of recorded range in stage, prior and subsequent records, discharge measurements, weather records, and comparison with records from other stations in the same or nearby basins. Likewise, lake or reservoir volumes may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

Data Presentation

The records published for each continuous-record surface-water discharge station (stream-gaging station) consist of five parts: (1) the station manuscript or description; (2) the data table of daily mean values of discharge for the current water year with summary data; (3) a tabular statistical summary of monthly mean flow data for a designated period, by water year; (4) a summary statistics table that includes statistical data of annual, daily, and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration; and (5) a hydrograph of discharge.

Station Manuscript

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information, as appropriate, is provided with each continuous record of discharge or lake content. Comments follow that clarify information presented under the various headings of the station description.

LOCATION.—Location information is obtained from the most accurate maps available. The location of the gaging station with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurement," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.—Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.—This term indicates the time period for which records have been published for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not and whose location was such that its flow reasonably can be considered equivalent to flow at the present station.

REVISED RECORDS.—If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

GAGE.—The type of gage in current use, the datum of the current gage referred to a standard datum, and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.—All periods of estimated daily discharge either will be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily discharge table. (See section titled Identifying Estimated Daily Discharge.) Information is presented relative to the accuracy of the records, to special methods of computation, and to conditions that affect natural flow at the station. In addition, information may be presented pertaining to average discharge data for the period of record; to extremes data for the period of record and the current year; and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, the outlet works and spillway, and the purpose and use of the reservoir.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES OUTSIDE PERIOD OF RECORD.—Information here documents major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the USGS.

REVISIONS.—Records are revised if errors in published records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based national data system, NWISWeb (<http://water.usgs.gov/nwis/nwis>). Users are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent data updates. Updates to NWISWeb are made on an annual basis.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because no current or, possibly, future station manuscript would be published for these stations to document the revision in a REVISED RECORDS entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the USGS Water Science Center (address given on the back of the title page of this report) to determine if the published records were revised after the station was discontinued. If, however, the data for a discontinued station were obtained by computer retrieval, the data would be current. Any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the REMARKS and in the inclusion of a stage-capacity table when daily volumes are given.

Peak Discharge Greater than Base Discharge

Tables of peak discharge above base discharge are included for some stations where secondary instantaneous peak discharge data are used in flood-frequency studies of highway and bridge design, flood-control structures, and other flood-related projects. The base discharge value is selected so an average of three peaks a year will be reported. This base discharge value has a recurrence interval of approximately 1.1 years or a 91-percent chance of exceedence in any 1 year.

Data Table of Daily Mean Values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed TOTAL gives the sum of the daily figures for each month; the line headed MEAN gives the arithmetic average flow in cubic feet per second for the month; and the lines headed MAX and MIN give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month is expressed in cubic feet per second per square mile (line headed CFSM); or in inches (line headed IN); or in acre-feet (line headed AC-FT). Values for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if extensive regulation or diversion is in effect or if the drainage area includes large noncontributing areas. At some stations, monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir volumes are given. These values are identified by a symbol and a corresponding footnote.

Statistics of Monthly Mean Data

A tabular summary of the mean (line headed MEAN), maximum (MAX), and minimum (MIN) of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those values. The designated period will be expressed as FOR WATER YEARS __-__, BY WATER YEAR (WY), and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. The designated period will consist of all of the station record within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript.

Summary Statistics

A table titled SUMMARY STATISTICS follows the statistics of monthly mean data tabulation. This table consists of four columns with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, WATER YEARS __-__, will consist of all of the station records within the specified water years, including complete months of record for partial water years, and may coincide with the period of record for the station. The water years for which the statistics are computed are consecutive, unless a break in the station record is indicated in the manuscript. All of the calculations for the statistical characteristics designated ANNUAL (see line headings below), except for the ANNUAL 7-DAY MINIMUM statistic, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistic reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When the dates of occurrence do not fall within the selected water years listed in the heading, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration-curve statistics and runoff data also are given. Runoff data may be omitted if extensive regulation or diversion of flow is in effect in the drainage basin.

The following summary statistics data are provided with each continuous record of discharge. Comments that follow clarify information presented under the various line headings of the SUMMARY STATISTICS table.

ANNUAL TOTAL.—The sum of the daily mean values of discharge for the year.

ANNUAL MEAN.—The arithmetic mean for the individual daily mean discharges for the year noted or for the designated period.

HIGHEST ANNUAL MEAN.—The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.—The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.—The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.—The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.—The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The date shown in the summary statistics table is the initial date of the 7-day period. This value should not be confused with the 7-day 10-year low-flow statistic.

MAXIMUM PEAK FLOW.—The maximum instantaneous peak discharge occurring for the water year or designated period. Occasionally the maximum flow for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak flow is given in the table and the maximum flow may be reported in a footnote or in the REMARKS paragraph in the manuscript.

MAXIMUM PEAK STAGE.—The maximum instantaneous peak stage occurring for the water year or designated period. Occasionally the maximum stage for a year may occur at midnight at the beginning or end of the year, on a recession from or rise toward a higher peak in the adjoining year. In this case, the maximum peak stage is given in the table and the maximum stage may be reported in the REMARKS paragraph in the manuscript or in a footnote. If the dates of occurrence of the maximum peak stage and maximum peak flow are different, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.—The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.—Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Cubic feet per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicate the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.—The discharge that has been exceeded 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.—The discharge that has been exceeded 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.—The discharge that has been exceeded 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in three tables. The first table lists gage height and discharge for three storm-related events at flood hydrograph station, the second table lists annual maximum stage and discharge at crest-stage stations, and the third table lists discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are often made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for a special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified. This identification is shown either by flagging individual daily values with the letter “e” and noting in a table footnote, “e—Estimated,” or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of Field Data and Computed Results

The accuracy of streamflow data depends primarily on (1) the stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge, and interpretations of records.

The degree of accuracy of the records is stated in the REMARKS in the station description. “Excellent” indicates that about 95 percent of the daily discharges are within 5 percent of the true value; “good” within 10 percent; and “fair,” within 15 percent. “Poor” indicates that daily discharges have less than “fair” accuracy. Different accuracies may be attributed to different parts of a given record.

Values of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 ft³/s; to the nearest tenths between 1.0 and 10 ft³/s; to whole numbers between 10 and 1,000 ft³/s; and to three significant figures above 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharge values listed for partial-record stations.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, values of cubic feet per second per square mile and of runoff in inches are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

Other Data Available

Information of a more detailed nature than that published for most of the stream-gaging stations such as discharge measurements, gage-height records, and rating tables is available from the USGS Water Science Center. Also, most stream-gaging station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the USGS Water Science Center (see address that is shown on the back of the title page of this report).

EXPLANATION OF WATER-QUALITY RECORDS

Collection and Examination of Data

Surface-water samples for analysis usually are collected at or near stream-gaging stations. The quality-of-water records are given immediately following the discharge records at these stations.

The descriptive heading for water-quality records gives the period of record for all water-quality data; the period of daily record for parameters that are measured on a daily basis (specific conductance, water temperature, sediment discharge, and so forth); extremes for the current year; and general remarks.

For ground-water records, no descriptive statements are given; however, the well number, depth of well, sampling date, or other pertinent data are given in the table containing the chemical analyses of the ground water.

Water Analysis

Most of the methods used for collecting and analyzing water samples are described in the TWRIs, which may be accessed from <http://water.usgs.gov/pubs/twri/>. A list of TWRIs is also provided in this report.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled at several verticals to obtain a representative sample needed for an accurate mean concentration and for use in calculating load.

Chemical-quality data published in this report are considered to be the most representative values available for the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For chemical-quality stations equipped with digital monitors, the records consist of daily maximum and minimum values (and sometimes mean or median values) for each constituent measured and are based on 15-minute or 1-hour intervals of recorded data beginning at 0000 hours and ending at 2400 hours for the day of record.

SURFACE-WATER-QUALITY RECORDS

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because discharge data are useful in the interpretation of surface-water quality. Records of surface-water quality in this report involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A continuous-record station is a site where data are collected on a regularly scheduled basis. Frequency may be one or more times daily, weekly, monthly, or quarterly. A partial-record station is a site where limited water-quality data are collected systematically over a period of years. Frequency of sampling is usually less than quarterly. A miscellaneous sampling site is a location other than a continuous- or partial-record station, where samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between continuous records as used in this report and continuous recordings that refer to a continuous graph or a series of discrete values recorded at short intervals. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently.

Accuracy of the Records

One of four accuracy classifications is applied for measured physical properties at continuous-record stations on a scale ranging from poor to excellent. The accuracy rating is based on data values recorded before any shifts or corrections are made. Additional consideration also is given to the amount of publishable record and to the amount of data that have been corrected or shifted.

Rating the accuracy of continuous water-quality records

[≤, less than or equal to; , plus or minus value shown; °C, degree Celsius; >, greater than; %, percent; mg/L, milligram per liter; pH unit, standard pH unit]

Measured physical property	Rating			
	Excellent	Good	Fair	Poor
Water temperature	≤ 0.2°C	> 0.2-0.5°C	> 0.5-0.8°C	> 0.8°C
Specific conductance	≤ 3%	> 3-10%	> 10-15%	> 15%
Dissolved oxygen	≤ 0.3 mg/L or ≤ 5%, whichever is greater	> 0.3-0.5 mg/L or > 5-10%, whichever is greater	> 0.5-0.8 mg/L or > 10-15%, whichever is greater	> 0.8 mg/L or > 15%, whichever is greater
pH	≤ 0.2 unit	> 0.2-0.5 unit	> 0.5-0.8 unit	> 0.8 unit
Turbidity	≤ 0.5 turbidity units or ≤ 5%, whichever is greater	> 0.5-1.0 turbidity units or > 5 to 10%, whichever is greater	> 1.0-1.5 turbidity units or > 10 to 15%, whichever is greater	> 1.5 turbidity units or > 15%, whichever is greater

Arrangement of Records

Water-quality records collected at a surface-water daily record station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in separate tables following the table of discharge measurements at miscellaneous sites.

Onsite Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the naturally occurring quality of the water. To ensure this, certain measurements, such as water temperature, pH, and dissolved oxygen, must be made onsite when the samples are collected. To assure that measurements made in the laboratory also represent the naturally occurring water, carefully prescribed procedures must be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in TWRIs Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1-A9. Most of the methods used for collecting and analyzing water samples are described in the TWRIs, which may be accessed from <http://water.usgs.gov/pubs/twri/>. Also, detailed information on collecting, treating, and shipping samples can be obtained from the USGS Water Science Center (see address that is shown on the back of title page in this report).

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at the time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

At stations where recording instruments are used, either mean temperatures or maximum and minimum temperatures for each day are published. Water temperatures measured at the time of water-discharge measurements are on file in the USGS Water Science Center.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross section.

During periods of rapidly changing flow or rapidly changing concentration, samples may be collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration are computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples are collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observation, such data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Samples for biochemical oxygen demand (BOD) and indicator bacteria are analyzed locally. All other samples are analyzed in the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chapter C1. Methods used by the USGS laboratories are given in the TWRI, Book 1, Chapter D2; Book 3, Chapter C2; and Book 5, Chapters A1, A3, and A4. The TWRI publications may be accessed from <http://water.usgs.gov/pubs/twri/>. These methods are consistent with ASTM standards and generally follow ISO standards.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

DRAINAGE AREA.—See Data Presentation information in the EXPLANATION OF STAGE- AND WATER-DISCHARGE RECORDS section of this report (same comments apply).

PERIOD OF RECORD.—This indicates the time periods for which published water-quality records for the station are available. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.—Information on instrumentation is given only if a water-quality monitor temperature record, sediment pumping sampler, or other sampling device is in operation at a station.

REMARKS.—Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.—Records provided by a cooperating organization or obtained for the USGS by a cooperating organization are identified here.

EXTREMES.—Maximums and minimums are given only for parameters measured daily or more frequently. For parameters measured weekly or less frequently, true maximums or minimums may not have been obtained. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.—Records are revised if errors in published water-quality records are discovered. Appropriate updates are made in the USGS distributed data system, NWIS, and subsequently to its Web-based national data system, NWISWeb (<http://waterdata.usgs.gov/nwis>). Users of USGS water-quality data are encouraged to obtain all required data from NWIS or NWISWeb to ensure that they have the most recent updates. Updates to the NWISWeb are made on an annual basis.

The surface-water-quality records for partial-record stations and miscellaneous sampling sites are published in separate tables following the table of discharge measurements at miscellaneous sites. No descriptive statements are given for these records. Each station is published with its own station number and name in the regular downstream-order sequence.

Remark Codes

The following remark codes may appear with the water-quality data in this section:

Printed Output	Remark
E	Value is estimated.
>	Actual value is known to be greater than the value shown.
<	Actual value is known to be less than the value shown.
M	Presence of material verified, but not quantified.
N	Presumptive evidence of presence of material.
U	Material specifically analyzed for, but not detected.
A	Value is an average.
V	Analyte was detected in both the environmental sample and the associated blanks.
S	Most probable value.

Water-Quality Control Data

The USGS National Water Quality Laboratory collects quality-control data on a continuing basis to evaluate selected analytical methods to determine long-term method detection levels (LT-MDLs) and laboratory reporting levels (LRLs). These values are re-evaluated each year on the basis of the most recent quality-control data and, consequently, may change from year to year.

This reporting procedure limits the occurrence of false positive error. Falsely reporting a concentration greater than the LT-MDL for a sample in which the analyte is not present is 1 percent or less. Application of the LRL limits the occurrence of false negative error. The chance of falsely reporting a nondetection for a sample in which the analyte is present at a concentration equal to or greater than the LRL is 1 percent or less.

Accordingly, concentrations are reported as less than LRL for samples in which the analyte either was not detected or did not pass identification. Analytes detected at concentrations between the LT-MDL and the LRL and that pass identification criteria are estimated. Estimated concentrations will be noted with a remark code of "E." These data should be used with the understanding that their uncertainty is greater than that of data reported without the E remark code.

Data generated from quality-control (QC) samples are a requisite for evaluating the quality of the sampling and processing techniques as well as data from the actual samples themselves. Without QC data, environmental sample data cannot be adequately interpreted because the errors associated with the sample data are unknown. The various types of QC samples collected by a USGS Water Science Center are described in the following section. Procedures have been established for the storage of water-quality-control data within the USGS. These procedures allow for storage of all derived QC data and are identified so that they can be related to corresponding environmental samples. These data are not presented in this report but are available from the USGS Water Science Center.

Blank Samples

Blank samples are collected and analyzed to ensure that environmental samples have not been contaminated in the overall data-collection process. The blank solution used to develop specific types of blank samples is a solution that is free of the analytes of interest. Any measured value signal in a blank sample for an analyte (a specific component measured in a chemical analysis) that was absent in the blank solution is believed to be due to contamination. Many types of blank samples are possible; each is designed to segregate a different part of the overall data-collection process. The types of blank samples collected by this USGS Water Science Center are:

Field blank—A blank solution that is subjected to all aspects of sample collection, field processing preservation, transportation, and laboratory handling as an environmental sample.

Trip blank—A blank solution that is put in the same type of bottle used for an environmental sample and kept with the set of sample bottles before and after sample collection.

Equipment blank—A blank solution that is processed through all equipment used for collecting and processing an environmental sample (similar to a field blank but normally done in the more controlled conditions of the office).

Sampler blank—A blank solution that is poured or pumped through the same field sampler used for collecting an environmental sample.

Filter blank—A blank solution that is filtered in the same manner and through the same filter apparatus used for an environmental sample.

Splitter blank—A blank solution that is mixed and separated using a field splitter in the same manner and through the same apparatus used for an environmental sample.

Preservation blank—A blank solution that is treated with the sampler preservatives used for an environmental sample.

Reference Samples

Reference material is a solution or material prepared by a laboratory. The reference material composition is certified for one or more properties so that it can be used to assess a measurement method. Samples of reference material are submitted for analysis to ensure that an analytical method is accurate for the known properties of the reference material. Generally, the selected reference material properties are similar to the environmental sample properties.

Replicate Samples

Replicate samples are a set of environmental samples collected in a manner such that the samples are thought to be essentially identical in composition. Replicate is the general case for which a duplicate is the special case consisting of two samples. Replicate samples are collected and analyzed to establish the amount of variability in the data contributed by some part of the collection and analytical process. Many types of replicate samples are possible, each of which may yield slightly different results in a dynamic hydrologic setting, such as a flowing stream. The types of replicate samples collected in this district are:

Concurrent samples—A type of replicate sample in which the samples are collected simultaneously with two or more samplers or by using one sampler and alternating the collection of samples into two or more compositing containers.

Sequential samples—A type of replicate sample in which the samples are collected one after the other, typically over a short time.

Split sample—A type of replicate sample in which a sample is split into subsamples, each subsample contemporaneous in time and space.

Spike Samples

Spike samples are samples to which known quantities of a solution with one or more well-established analyte concentrations have been added. These samples are analyzed to determine the extent of matrix interference or degradation on the analyte concentration during sample processing and analysis.

EXPLANATION OF GROUND-WATER-LEVEL RECORDS

Generally, only ground-water-level data from selected wells with continuous recorders from a basic network of observation wells are published in this report. Locations of the observation wells in this report are shown in Figure 20.

Site Identification Numbers

Each well is identified by means of (1) a 15-digit number that is based on latitude and longitude and (2) a local number that is produced for local needs.

Data Collection and Computation

Measurements are made in many types of wells, under varying conditions of access and at different temperatures; hence, neither the method of measurement nor the equipment can be standardized. At each observation well, however, the equipment and techniques used are those that will ensure that measurements at each well are consistent.

Most methods for collecting and analyzing water samples are described in the TWRI's referred to in the Onsite Measurements and Sample Collection and the Laboratory Measurements sections in this report. In addition, TWRI Book 1, Chapter D2, describes guidelines for the collection and field analysis of ground-water samples for selected unstable constituents. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in TWRI's Book 1, Chapter D2; Book 3, Chapters A1, A3, and A4; and Book 9, Chapters A1 through A9. The TWRI publications may be accessed from <http://water.usgs.gov/pubs/twri/>. The values in this report represent water-quality conditions at the time of sampling, as much as possible, and that are consistent with available sampling techniques and methods of analysis. These methods are consistent with ASTM standards and generally follow ISO standards. Trained personnel collected all samples. The wells sampled were pumped long enough to ensure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Water-level measurements in this report are given in feet with reference to land-surface datum (lsd). Land-surface datum is a datum plane that is approximately at land surface at each well. If known, the elevation of the land-surface datum above sea level is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Water levels in wells equipped with recording gages are reported for every fifth day and the end of each month (EOM).

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth of water of several hundred feet, the error in determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a hundredth or a few hundredths of a foot. For lesser depths to water the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given only to a tenth of a foot or a larger unit.

Data Presentation

Water-level data are presented in alphabetical order by county. The primary identification number for a given well is the 15-digit site identification number that appears in the upper left corner of the table. The secondary

identification number is the local or county well number. Well locations are shown and each well is identified by its local well or county well number on a map in this report (fig. 20).

Each well record consists of two parts: the well description and the data table of water levels observed during the water year. Well descriptions are presented in the headings preceding the tabular data.

The following comments clarify information presented in these various headings.

LOCATION.—This paragraph follows the well-identification number and reports the hydrologic-unit number and a geographic point of reference. Latitudes and longitudes used in this report are reported as North American Datum of 1927 unless otherwise specified.

AQUIFER.—This entry designates by name and geologic age the aquifer that the well taps.

WELL CHARACTERISTICS.—This entry describes the well in terms of depth, casing diameter and depth or screened interval, method of construction, use, and changes since construction.

INSTRUMENTATION.—This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on continuous, monthly, or some other frequency of measurement.

DATUM.—This entry describes both the measuring point and the land-surface elevation at the well. The altitude of the land-surface datum is described in feet above the altitude datum; it is reported with a precision depending on the method of determination. The measuring point is described physically (such as top of casing, top of instrument shelf, and so forth), and in relation to land surface (such as 1.3 ft above land-surface datum). The elevation of the land-surface datum is described in feet above National Geodetic Vertical Datum of 1929 (NGVD 29); it is reported with a precision depending on the method of determination.

REMARKS.—This entry describes factors that may affect the water level in a well or the measurement of the water level, when various methods of measurement were begun, and the network (climatic, terrane, local, or areal effects) or the special project to which the well belongs.

PERIOD OF RECORD.—This entry indicates the time period for which records are published for the well, the month and year at the start of publication of water-level records by the USGS, and the words “to current year” if the records are to be continued into the following year. Time periods for which water-level records are available, but are not published by the USGS, may be noted.

EXTREMES FOR PERIOD OF RECORD.—This entry contains the highest and lowest instantaneously recorded or measured water levels of the period of published record, with respect to land-surface datum or sea level, and the dates of occurrence.

Water-Level Tables

A table of water levels follows the well description for each well. Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (lsd). Missing records are indicated by dashes in place of the water-level value.

For wells not equipped with recorders, water-level measurements were obtained periodically by steel or electric tape. Tables of periodic water-level measurements in these wells show the date of measurement and the measured water-level value.

GROUND-WATER-QUALITY DATA

Data Collection and Computation

The ground-water-quality data in this report were obtained as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some wells within a county but not for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality statewide.

Most methods for collecting and analyzing water samples are described in the TWRI, which may be accessed from <http://water.usgs.gov/pubs/twri/>. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in TWRI, Book 1, Chapter D2; Book 5, Chapters A1, A3, and A4; and Book 9, Chapters A1-A6. Also, detailed information on collecting, treating, and shipping samples may be obtained from the USGS Water Science Center (see address shown on back of title page in this report).

Laboratory Measurements

Analysis for sulfide and measurement of alkalinity, pH, water temperature, specific conductance, and dissolved oxygen are performed onsite. All other sample analyses are performed at the USGS laboratory in Lakewood, Colorado, unless otherwise noted. Methods used by the USGS laboratory are given in TWRI, Book 1, Chapter D2 and Book 5, Chapters A1, A3, and A4, which may be accessed from <http://water.usgs.gov/pubs/twri/>.

PRECIPITATION-QUALITY RECORDS

The precipitation-quality data presented in this report represent analyses of time-composite samples, most often for a collection period of one week. This is in contrast to most of the published surface-water-quality data which represent samples taken at specific times. Location of station for which records of precipitation appear is shown in figure 21.

Onsite Measurements and Sample Collection

Precipitation samples are collected with wet/dry collectors or bulk samplers. The wet/dry collector is the preferred precipitation sampler and consists of a bucket which is open only during periods of wet (rainfall, snow, etc.) precipitation. During dry periods the sample bucket is covered, thus excluding dry-fall precipitation from the sample. Bulk samplers are less desirable because they collect both wet- and dry-fall precipitation. However, they are useful as backups during times when the wet/dry samplers fail to properly function. Bulk samplers consist of a catchment area, such as a funnel, where the sample is collected and then fed through a delivery tube to the sample receptacle. The tubing is looped in order to minimize sample evaporation. If necessary, wet/dry samplers can also be used as makeshift bulk samplers by leaving them in the open position for the collection period.

Accurate measurements of precipitation quantity also are made at each station. One of two types of recording gages is normally used. National Trends Network (NTN) stations are equipped with weighing- bucket rain gages, which graphically record rainfall as well as count rainfall events. The other commonly-used recording gage consists of a rainfall catchment pipe and a float-driven digital recorder which periodically records the water-level in the pipe.

Time-composite wet- and bulk-precipitation samples are collected and brought back to the laboratory and weighed. Rainfall quantity is estimated from the sample weight. A temperature-density correction can be applied if desired but normally this correction results in a very small change in the estimated quantity of rainfall. An estimation of the sampler efficiency is made by computing the ratio of rainfall amount collected in the sample bucket to that measured by the recording rain gage. This collector efficiency ratio is an important indicator of possible collector malfunction. For example, a ratio substantially less than one indicates that the wet/dry collector was not opening properly and thus, excluding rainfall.

After weighing the sample, a small portion is removed for measurement of pH, specific conductance, and, in some instances, titratable acidity. The pH and specific conductance are both determined electrometrically according to methods described in the National Atmospheric Deposition Program "NADP Instruction Manual: Site Operation". The remainder of the sample is then used for laboratory chemical analyses. This portion of the sample is shipped to the laboratory raw and untreated. In the case of NTN operation, the original bucket is resealed and mailed to the Illinois State Water Survey Central Analytical Laboratory (CAL) for analysis. In all other instances, sample portions are preserved, treated, and analyzed according to specific project requirements.

Data Presentation

Records of precipitation quality are published following the "Records of ground-water" section of this report. As with records of daily water discharge and surface-water quality, precipitation-quality records consist of two parts, a station header and a data table. The station header contains the descriptive information pertinent to the establishment, location, and operation of the site. Records are presented alphabetically by county and, within each county, by latitude, longitude, and sequence number. As with ground-water wells, the primary site identifier used for precipitation-quality stations in this report is the 15-digit composite of these three numbers. The following text presents a clarification of the subheadings which follow the station identification number and station name.

LOCATION.--See Data Presentation under "Records of Stage and Water Discharge"; same comments apply.

PERIOD OF RECORD.--This indicates the periods for which there are published precipitation-quality records for the station. Periods of record are presented separately for each type of sample collected at the site (in this report, either wet precipitation, bulk precipitation, or both).

INSTRUMENTATION.--In this section, an abbreviated-style listing of the data-recording and sample-collection equipment permanently housed at the site is presented.

REMARKS.--This section is reserved for comments pertaining to unusual or extraordinary circumstances or to qualifying information which must be used to accurately interpret the data presented for the site. More general comments which may pertain to several or all of the sites are presented in the "EXPLANATION OF RECORDS" section in the introductory part of the report.

ACCESS TO USGS WATER DATA

The USGS provides near real-time stage and discharge data for many of the gaging stations equipped with the necessary telemetry and historic daily mean and peak-flow discharge data for most current or discontinued gaging stations through the World Wide Web (WWW). These data may be accessed from <http://water.usgs.gov>.

Water-quality data and ground-water data also are available through the WWW. In addition, data can be provided in various machine-readable formats on various media. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each USGS Water Science Center. (See address that is shown on the back of the title page of this report.)

DEFINITION OF TERMS

Specialized technical terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. Terms such as algae, water level, and precipitation are used in their common everyday meanings, definitions of which are given in standard dictionaries. Not all terms defined in this alphabetical list apply to every State. See also table for converting English units to International System (SI) Units. Other glossaries that also define water-related terms are accessible from <http://water.usgs.gov/glossaries.html>.

Acid neutralizing capacity (ANC) is the equivalent sum of all bases or base-producing materials, solutes plus particulates, in an aqueous system that can be titrated with acid to an equivalence point. This term designates titration of an “unfiltered” sample (formerly reported as alkalinity).

Acre-foot (AC-FT, acre-ft) is a unit of volume, commonly used to measure quantities of water used or stored, equivalent to the volume of water required to cover 1 acre to a depth of 1 foot and equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters. (See also “Annual runoff”)

Adenosine triphosphate (ATP) is an organic, phosphate-rich compound important in the transfer of energy in organisms. Its central role in living cells makes ATP an excellent indicator of the presence of living material in water. A measurement of ATP therefore provides a sensitive and rapid estimate of biomass. ATP is reported in micrograms per liter.

Adjusted discharge is discharge data that have been mathematically adjusted (for example, to remove the effects of a daily tide cycle or reservoir storage).

Algal growth potential (AGP) is the maximum algal dry weight biomass that can be produced in a natural water sample under standardized laboratory conditions. The growth potential is the algal biomass present at stationary phase and is expressed as milligrams dry weight of algae produced per liter of sample. (See also “Biomass” and “Dry weight”)

Alkalinity is the capacity of solutes in an aqueous system to neutralize acid. This term designates titration of a “filtered” sample.

Annual runoff is the total quantity of water that is discharged (“runs off”) from a drainage basin in a year. Data reports may present annual runoff data as volumes in acre-feet, as discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches.

Annual 7-day minimum is the lowest mean value for any 7-consecutive-day period in a year. Annual 7-day minimum values are reported herein for the calendar

year and the water year (October 1 through September 30). Most low-flow frequency analyses use a climatic year (April 1–March 31), which tends to prevent the low-flow period from being artificially split between adjacent years. The date shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day, 10-year low-flow statistic.)

Aroclor is the registered trademark for a group of polychlorinated biphenyls that were manufactured by the Monsanto Company prior to 1976. Aroclors are assigned specific 4-digit reference numbers dependent upon molecular type and degree of substitution of the biphenyl ring hydrogen atoms by chlorine atoms. The first two digits of a numbered aroclor represent the molecular type, and the last two digits represent the percentage weight of the hydrogen-substituted chlorine.

Artificial substrate is a device that purposely is placed in a stream or lake for colonization of organisms. The artificial substrate simplifies the community structure by standardizing the substrate from which each sample is collected. Examples of artificial substrates are basket samplers (made of wire cages filled with clean streamside rocks) and multiplate samplers (made of hardboard) for benthic organism collection, and plexiglass strips for periphyton collection. (See also “Substrate”)

Ash mass is the mass or amount of residue present after the residue from a dry-mass determination has been ashed in a muffle furnace at a temperature of 500 °C for 1 hour. Ash mass of zooplankton and phytoplankton is expressed in grams per cubic meter (g/m³), and periphyton and benthic organisms in grams per square meter (g/m²). (See also “Biomass” and “Dry mass”)

Aspect is the direction toward which a slope faces with respect to the compass.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, whereas others perform an essential

role in nature in the recycling of materials; for example, by decomposing organic matter into a form available for reuse by plants.

Bankfull stage, as used in this report, is the stage at which a stream first overflows its natural banks formed by floods with 1- to 3-year recurrence intervals.

Base discharge (for peak discharge) is a discharge value, determined for selected stations, above which peak discharge data are published. The base discharge at each station is selected so that an average of about three peak flows per year will be published. (See also "Peak flow")

Base flow is sustained flow of a stream in the absence of direct runoff. It includes natural and human-induced streamflows. Natural base flow is sustained largely by ground-water discharge.

Bed material is the sediment mixture of which a stream-bed, lake, pond, reservoir, or estuary bottom is composed. (See also "Bedload" and "Sediment")

Bedload is material in transport that primarily is supported by the streambed. In this report, bedload is considered to consist of particles in transit from the bed to the top of the bedload sampler nozzle (an elevation ranging from 0.25 to 0.5 foot). These particles are retained in the bedload sampler. A sample collected with a pressure-differential bedload sampler also may contain a component of the suspended load.

Bedload discharge (tons per day) is the rate of sediment moving as bedload, reported as dry weight, that passes through a cross section in a given time. NOTE: Bedload discharge values in this report may include a component of the suspended-sediment discharge. A correction may be necessary when computing the total sediment discharge by summing the bedload discharge and the suspended-sediment discharge. (See also "Bedload," "Dry weight," "Sediment," and "Suspended-sediment discharge")

Benthic organisms are the group of organisms inhabiting the bottom of an aquatic environment. They include a number of types of organisms, such as bacteria, fungi, insect larvae and nymphs, snails, clams, and crayfish. They are useful as indicators of water quality.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by microorganisms, such as bacteria.

Biomass is the amount of living matter present at any given time, expressed as mass per unit area or volume of habitat.

Biomass pigment ratio is an indicator of the total proportion of periphyton that are autotrophic (plants). This also is called the Autotrophic Index.

Blue-green algae (*Cyanophyta*) are a group of phytoplankton and periphyton organisms with a blue pigment in addition to a green pigment called chlorophyll. Blue-green algae can cause nuisance water-quality conditions in lakes and slow-flowing rivers; however, they are found commonly in streams throughout the year. The abundance of blue-green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of blue-green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also "Phytoplankton" and "Periphyton")

Bottom material (See "Bed material")

Bulk electrical conductivity is the combined electrical conductivity of all material within a doughnut-shaped volume surrounding an induction probe. Bulk conductivity is affected by different physical and chemical properties of the material including the dissolved-solids content of the pore water, and the lithology and porosity of the rock.

Canadian Geodetic Vertical Datum 1928 is a geodetic datum derived from a general adjustment of Canada's first order level network in 1928.

Cell volume (biovolume) determination is one of several common methods used to estimate biomass of algae in aquatic systems. Cell members of algae are used frequently in aquatic surveys as an indicator of algal production. However, cell numbers alone cannot represent true biomass because of considerable cell-size variation among the algal species. Cell volume (μm^3) is determined by obtaining critical cell measurements or cell dimensions (for example, length, width, height, or radius) for 20 to 50 cells of each important species to obtain an average biovolume per cell. Cells are categorized according to the correspondence of their cellular shape to the nearest geometric solid or combinations of simple solids (for example, spheres, cones, or cylinders). Representative formulae used to compute biovolume are as follows:

$$\text{sphere } \frac{4}{3} \pi r^3 \quad \text{cone } \frac{1}{3} \pi r^2 h \quad \text{cylinder } \pi r^2 h.$$

pi (π) is the ratio of the circumference to the diameter of a circle; $\pi = 3.14159\dots$

From cell volume, total algal biomass expressed as biovolume ($\mu\text{m}^3/\text{mL}$) is thus determined by multiplying the number of cells of a given species by its average cell volume and then summing these volumes for all species.

Cells/volume refers to the number of cells of any organism that is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample volume, and generally are reported as cells or units per milliliter (mL) or liter (L).

Cfs-day (See “Cubic foot per second-day”)

Channel bars, as used in this report, are the lowest prominent geomorphic features higher than the channel bed.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with BOD or with carbonaceous organic pollution from sewage or industrial wastes. [See also “Biochemical oxygen demand (BOD)”]

***Clostridium perfringens* (*C. perfringens*)** is a spore-forming bacterium that is common in the feces of human and other warmblooded animals. Clostridial spores are being used experimentally as an indicator of past fecal contamination and the presence of microorganisms that are resistant to disinfection and environmental stresses. (See also “Bacteria”)

Coliphages are viruses that infect and replicate in coliform bacteria. They are indicative of sewage contamination of water and of the survival and transport of viruses in the environment.

Color unit is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Confined aquifer is a term used to describe an aquifer containing water between two relatively impermeable boundaries. The water level in a well tapping a confined aquifer stands above the top of the confined aquifer and can be higher or lower than the water table that may be present in the material above it. In some cases, the water level can rise above the ground surface, yielding a flowing well.

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Continuous-record station is a site where data are collected with sufficient frequency to define daily mean values and variations within a day.

Control designates a feature in the channel that physically affects the water-surface elevation and thereby determines the stage-discharge relation at the gage. This feature may be a constriction of the channel, a bedrock outcrop, a gravel bar, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure, as used in this report, is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

Cubic foot per second (CFS, ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point in 1 second. It is equivalent to approximately 7.48 gallons per second or approximately 449 gallons per minute, or 0.02832 cubic meters per second. The term “second-foot” sometimes is used synonymously with “cubic foot per second” but is now obsolete.

Cubic foot per second-day (CFS-DAY, Cfs-day, $[(\text{ft}^3/\text{s})/\text{d}]$) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,446.6 cubic meters. The daily mean discharges reported in the daily value data tables numerically are equal to the daily volumes in cfs-days, and the totals also represent volumes in cfs-days.

Cubic foot per second per square mile [CFSM, $(\text{ft}^3/\text{s})/\text{mi}^2$] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming the runoff is distributed uniformly in time and area. (See also “Annual runoff”)

Daily mean suspended-sediment concentration is the time-weighted mean concentration of suspended sediment passing a stream cross section during a 24-hour day. (See also “Sediment” and “Suspended-sediment concentration”)

Daily record station is a site where data are collected with sufficient frequency to develop a record of one or more data values per day. The frequency of data col-

lection can range from continuous recording to data collection on a daily or near-daily basis.

Data collection platform (DCP) is an electronic instrument that collects, processes, and stores data from various sensors, and transmits the data by satellite data relay, line-of-sight radio, and/or landline telemetry.

Data logger is a microprocessor-based data acquisition system designed specifically to acquire, process, and store data. Data usually are downloaded from onsite data loggers for entry into office data systems.

Datum is a surface or point relative to which measurements of height and/or horizontal position are reported. A vertical datum is a horizontal surface used as the zero point for measurements of gage height, stage, or elevation; a horizontal datum is a reference for positions given in terms of latitude-longitude, State Plane coordinates, or Universal Transverse Mercator (UTM) coordinates. (See also “Gage datum,” “Land-surface datum,” “National Geodetic Vertical Datum of 1929,” and “North American Vertical Datum of 1988”)

Diatoms (*Bacillariophyta*) are unicellular or colonial algae with a siliceous cell wall. The abundance of diatoms in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of diatoms in periphyton samples is given in cells per square centimeter (cells/ cm^2) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also “Phytoplankton” and “Periphyton”)

Diel is of or pertaining to a 24-hour period of time; a regular daily cycle.

Discharge, or **flow**, is the rate that matter passes through a cross section of a stream channel or other water body per unit of time. The term commonly refers to the volume of water (including, unless otherwise stated, any sediment or other constituents suspended or dissolved in the water) that passes a cross section in a stream channel, canal, pipeline, and so forth, within a given period of time (cubic feet per second). Discharge also can apply to the rate at which constituents, such as suspended sediment, bedload, and dissolved or suspended chemicals, pass through a cross section, in which cases the quantity is expressed as the mass of constituent that passes the cross section in a given period of time (tons per day).

Dissolved refers to that material in a representative water sample that passes through a 0.45-micrometer

membrane filter. This is a convenient operational definition used by Federal and State agencies that collect water-quality data. Determinations of “dissolved” constituent concentrations are made on sample water that has been filtered.

Dissolved oxygen (DO) is the molecular oxygen (oxygen gas) dissolved in water. The concentration in water is a function of atmospheric pressure, temperature, and dissolved-solids concentration of the water. The ability of water to retain oxygen decreases with increasing temperature or dissolved-solids concentration. Photosynthesis and respiration by plants commonly cause diurnal variations in dissolved-oxygen concentration in water from some streams.

Dissolved-solids concentration in water is the quantity of dissolved material in a sample of water. It is determined either analytically by the “residue-on-evaporation” method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. In the mathematical calculation, the bicarbonate value, in milligrams per liter, is multiplied by 0.4917 to convert it to carbonate. Alternatively, alkalinity concentration (as mg/L CaCO_3) can be converted to carbonate concentration by multiplying by 0.60.

Diversity index (H) (Shannon index) is a numerical expression of evenness of distribution of aquatic organisms. The formula for diversity index is:

$$\bar{d} = - \sum_{i=1}^s \frac{n_i}{n} \log_2 \frac{n_i}{n},$$

where n_i is the number of individuals per taxon, n is the total number of individuals, and s is the total number of taxa in the sample of the community. Index values range from zero, when all the organisms in the sample are the same, to some positive number, when some or all of the organisms in the sample are different.

Drainage area of a stream at a specific location is that area upstream from the location, measured in a horizontal plane, that has a common outlet at the site for its surface runoff from precipitation that normally drains by gravity into a stream. Drainage areas given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin is a part of the Earth's surface that contains a drainage system with a common outlet for its surface runoff. (See "Drainage area")

Dry mass refers to the mass of residue present after drying in an oven at 105 °C, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass. (See also "Ash mass," "Biomass," and "Wet mass")

Dry weight refers to the weight of animal tissue after it has been dried in an oven at 65 °C until a constant weight is achieved. Dry weight represents total organic and inorganic matter in the tissue. (See also "Wet weight")

Embeddedness is the degree to which gravel-sized and larger particles are surrounded or enclosed by finer-sized particles. (See also "Substrate embeddedness class")

Enterococcus bacteria commonly are found in the feces of humans and other warmblooded animals. Although some strains are ubiquitous and not related to fecal pollution, the presence of enterococci in water is an indication of fecal pollution and the possible presence of enteric pathogens. Enterococcus bacteria are those bacteria that produce pink to red colonies with black or reddish-brown precipitate after incubation at 41 °C on mE agar (nutrient medium for bacterial growth) and subsequent transfer to EIA medium. Enterococci include *Streptococcus feacalis*, *Streptococcus feacium*, *Streptococcus avium*, and their variants. (See also "Bacteria")

EPT Index is the total number of distinct taxa within the insect orders Ephemeroptera, Plecoptera, and Trichoptera. This index summarizes the taxa richness within the aquatic insects that generally are considered pollution sensitive; the index usually decreases with pollution.

Escherichia coli (*E. coli*) are bacteria present in the intestine and feces of warmblooded animals. *E. coli* are a member species of the fecal coliform group of indicator bacteria. In the laboratory, they are defined as those bacteria that produce yellow or yellow-brown colonies on a filter pad saturated with urea substrate broth after primary culturing for 22 to 24 hours at 44.5 °C on mTEC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Estimated (E) value of a concentration is reported when an analyte is detected and all criteria for a posi-

tive result are met. If the concentration is less than the method detection limit (MDL), an E code will be reported with the value. If the analyte is identified qualitatively as present, but the quantitative determination is substantially more uncertain, the National Water Quality Laboratory will identify the result with an E code even though the measured value is greater than the MDL. A value reported with an E code should be used with caution. When no analyte is detected in a sample, the default reporting value is the MDL preceded by a less than sign (<). For bacteriological data, concentrations are reported as estimated when results are based on non-ideal colony counts.

Euglenoids (*Euglenophyta*) are a group of algae that usually are free-swimming and rarely creeping. They have the ability to grow either photosynthetically in the light or heterotrophically in the dark. (See also "Phytoplankton")

Extractable organic halides (EOX) are organic compounds that contain halogen atoms such as chlorine. These organic compounds are semivolatile and extractable by ethyl acetate from air-dried streambed sediment. The ethyl acetate extract is combusted, and the concentration is determined by microcoulometric determination of the halides formed. The concentration is reported as micrograms of chlorine per gram of the dry weight of the streambed sediment.

Fecal coliform bacteria are present in the intestines or feces of warmblooded animals. They often are used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms that produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Fecal streptococcal bacteria are present in the intestines of warmblooded animals and are ubiquitous in the environment. They are characterized as gram-positive, cocci bacteria that are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms that produce red or pink colonies within 48 hours at 35 °C plus or minus 1.0 °C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample. (See also "Bacteria")

Filtered pertains to constituents in a water sample passed through a filter of specified pore diameter, most commonly 0.45 micrometer or less for inorganic analytes and 0.7 micrometer for organic analytes.

Filtered, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that has passed through a filter has been extracted. Complete recovery is not achieved by the extraction procedure and thus the analytical determination represents something less than 95 percent of the total constituent concentration in the sample. To achieve comparability of analytical data, equivalent extraction procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results.

Fire algae (*Pyrrhophyta*) are free-swimming unicells characterized by a red pigment spot. (See also “Phytoplankton”)

Flow-duration percentiles are values on a scale of 100 that indicate the percentage of time for which a flow is exceeded. For example, the 90th percentile of river flow is the streamflow exceeded 90 percent of the time in the period of interest.

Gage datum is a horizontal surface used as a zero point for measurement of stage or gage height. This surface usually is located slightly below the lowest point of the stream bottom such that the gage height is usually slightly greater than the maximum depth of water. Because the gage datum is not an actual physical object, the datum is usually defined by specifying the elevations of permanent reference marks such as bridge abutments and survey monuments, and the gage is set to agree with the reference marks. Gage datum is a local datum that is maintained independently of any national geodetic datum. However, if the elevation of the gage datum relative to the national datum (North American Vertical Datum of 1988 or National Geodetic Vertical Datum of 1929) has been determined, then the gage readings can be converted to elevations above the national datum by adding the elevation of the gage datum to the gage reading.

Gage height (G.H.) is the water-surface elevation, in feet above the gage datum. If the water surface is below the gage datum, the gage height is negative. Gage height often is used interchangeably with the more general term “stage,” although gage height is more appropriate when used in reference to a reading on a gage.

Gage values are values that are recorded, transmitted, and/or computed from a gaging station. Gage values typically are collected at 5-, 15-, or 30-minute intervals.

Gaging station is a site on a stream, canal, lake, or reservoir where systematic observations of stage, discharge, or other hydrologic data are obtained.

Gas chromatography/flame ionization detector (GC/FID) is a laboratory analytical method used as a screening technique for semivolatile organic compounds that are extractable from water in methylene chloride.

Geomorphic channel units, as used in this report, are fluvial geomorphic descriptors of channel shape and stream velocity. Pools, riffles, and runs are types of geomorphic channel units considered for National Water-Quality Assessment (NAWQA) Program habitat sampling.

Green algae (*Chlorophyta*) are unicellular or colonial algae with chlorophyll pigments similar to those in terrestrial green plants. Some forms of green algae produce mats or floating “moss” in lakes. The abundance of green algae in phytoplankton samples is expressed as the number of cells per milliliter (cells/mL) or biovolume in cubic micrometers per milliliter ($\mu\text{m}^3/\text{mL}$). The abundance of green algae in periphyton samples is given in cells per square centimeter (cells/cm²) or biovolume per square centimeter ($\mu\text{m}^3/\text{cm}^2$). (See also “Phytoplankton” and “Periphyton”)

Habitat, as used in this report, includes all nonliving (physical) aspects of the aquatic ecosystem, although living components like aquatic macrophytes and riparian vegetation also are usually included. Measurements of habitat typically are made over a wider geographic scale than are measurements of species distribution.

Habitat quality index is the qualitative description (level 1) of instream habitat and riparian conditions surrounding the reach sampled. Scores range from 0 to 100 percent with higher scores indicative of desirable habitat conditions for aquatic life. Index only applicable to wadable streams.

Hardness of water is a physical-chemical characteristic that commonly is recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations (primarily calcium and magnesium) and is expressed as the equivalent concentration of calcium carbonate (CaCO_3).

High tide is the maximum height reached by each rising tide. The high-high and low-high tides are the higher and lower of the two high tides, respectively, of each tidal day. See NOAA Web site:

<http://www.csc.noaa.gov/text/glossary.html> (see “High water”)

Hilsenhoff’s Biotic Index (HBI) is an indicator of organic pollution that uses tolerance values to weight taxa abundances; usually increases with pollution. It is calculated as follows:

$$HBI = \frac{\sum (n)(a)}{N},$$

where n is the number of individuals of each taxon, a is the tolerance value of each taxon, and N is the total number of organisms in the sample.

Horizontal datum (See “Datum”)

Hydrologic index stations referred to in this report are continuous-record gaging stations that have been selected as representative of streamflow patterns for their respective regions. Station locations are shown on index maps.

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as defined by the former Office of Water Data Coordination and delineated on the State Hydrologic Unit Maps by the USGS. Each hydrologic unit is identified by an 8-digit number.

Inch (IN., in.), in reference to streamflow, as used in this report, refers to the depth to which the drainage area would be covered with water if all of the runoff for a given time period were distributed uniformly on it. (See also “Annual runoff”)

Instantaneous discharge is the discharge at a particular instant of time. (See also “Discharge”)

International Boundary Commission Survey Datum refers to a geodetic datum established at numerous monuments along the United States-Canada boundary by the International Boundary Commission.

Island, as used in this report, is a mid-channel bar that has permanent woody vegetation, is flooded once a year, on average, and remains stable except during large flood events.

Laboratory reporting level (LRL) generally is equal to twice the yearly determined long-term method detection level (LT-MDL). The LRL controls false negative error. The probability of falsely reporting a nondetection for a sample that contained an analyte at a concentration equal to or greater than the LRL is predicted to be less than or equal to 1 percent. The value of the LRL will be reported with a “less than” (<) remark code for samples in which the analyte was not

detected. The National Water Quality Laboratory (NWQL) collects quality-control data from selected analytical methods on a continuing basis to determine LT-MDLs and to establish LRLs. These values are reevaluated annually on the basis of the most current quality-control data and, therefore, may change. The LRL replaces the term ‘non-detection value’ (NDV).

Land-surface datum (lsd) is a datum plane that is approximately at land surface at each ground-water observation well.

Latent heat flux (often used interchangeably with latent heat-flux density) is the amount of heat energy that converts water from liquid to vapor (evaporation) or from vapor to liquid (condensation) across a specified cross-sectional area per unit time. Usually expressed in watts per square meter.

Light-attenuation coefficient, also known as the extinction coefficient, is a measure of water clarity. Light is attenuated according to the Lambert-Beer equation:

$$I = I_o e^{-\lambda L},$$

where I_o is the source light intensity, I is the light intensity at length L (in meters) from the source, λ is the light-attenuation coefficient, and e is the base of the natural logarithm. The light-attenuation coefficient is defined as

$$\lambda = -\frac{1}{L} \log_e \frac{I}{I_o}.$$

Lipid is any one of a family of compounds that are insoluble in water and that make up one of the principal components of living cells. Lipids include fats, oils, waxes, and steroids. Many environmental contaminants such as organochlorine pesticides are lipophilic.

Long-term method detection level (LT-MDL) is a detection level derived by determining the standard deviation of a minimum of 24 method detection limit (MDL) spike-sample measurements over an extended period of time. LT-MDL data are collected on a continuous basis to assess year-to-year variations in the LT-MDL. The LT-MDL controls false positive error. The chance of falsely reporting a concentration at or greater than the LT-MDL for a sample that did not contain the analyte is predicted to be less than or equal to 1 percent.

Low tide is the minimum height reached by each falling tide. The high-low and low-low tides are the higher

and lower of the two low tides, respectively, of each tidal day. See NOAA Website: <http://www.csc.noaa.gov/text/glossary.html> (see “Low water”)

Macrophytes are the macroscopic plants in the aquatic environment. The most common macrophytes are the rooted vascular plants that usually are arranged in zones in aquatic ecosystems and restricted in the area by the extent of illumination through the water and sediment deposition along the shoreline.

Mean concentration of suspended sediment (Daily mean suspended-sediment concentration) is the time-weighted concentration of suspended sediment passing a stream cross section during a given time period. (See also “Daily mean suspended-sediment concentration” and “Suspended-sediment concentration”)

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period. (See also “Discharge”)

Mean high or low tide is the average of all high or low tides, respectively, over a specific period.

Mean sea level is a local tidal datum. It is the arithmetic mean of hourly heights observed over the National Tidal Datum Epoch. Shorter series are specified in the name; for example, monthly mean sea level and yearly mean sea level. In order that they may be recovered when needed, such datums are referenced to fixed points known as benchmarks. (See also “Datum”)

Measuring point (MP) is an arbitrary permanent reference point from which the distance to water surface in a well is measured to obtain water level.

Megahertz is a unit of frequency. One megahertz equals one million cycles per second.

Membrane filter is a thin microporous material of specific pore size used to filter bacteria, algae, and other very small particles from water.

Metamorphic stage refers to the stage of development that an organism exhibits during its transformation from an immature form to an adult form. This developmental process exists for most insects, and the degree of difference from the immature stage to the adult form varies from relatively slight to pronounced, with many intermediates. Examples of metamorphic stages of insects are egg-larva-adult or egg-nymph-adult.

Method code is a one-character code that identifies the analytical or field method used to determine a value stored in the National Water Information System (NWIS).

Method detection limit (MDL) is the minimum concentration of a substance that can be measured and reported with 99-percent confidence that the analyte concentration is greater than zero. It is determined from the analysis of a sample in a given matrix containing the analyte. At the MDL concentration, the risk of a false positive is predicted to be less than or equal to 1 percent.

Method of Cubatures is a method of computing discharge in tidal estuaries based on the conservation of mass equation.

Methylene blue active substances (MBAS) indicate the presence of detergents (anionic surfactants). The determination depends on the formation of a blue color when methylene blue dye reacts with synthetic anionic detergent compounds.

Micrograms per gram (UG/G, $\mu\text{g/g}$) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per kilogram (UG/KG, $\mu\text{g/kg}$) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the constituent per unit mass (kilogram) of the material analyzed. One microgram per kilogram is equivalent to 1 part per billion.

Micrograms per liter (UG/L, $\mu\text{g/L}$) is a unit expressing the concentration of chemical constituents in water as mass (micrograms) of constituent per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. One microgram per liter is equivalent to 1 part per billion.

Microsiemens per centimeter (US/CM, $\mu\text{S/cm}$) is a unit expressing the amount of electrical conductivity of a solution as measured between opposite faces of a centimeter cube of solution at a specified temperature. Siemens is the International System of Units nomenclature. It is synonymous with mhos and is the reciprocal of resistance in ohms.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in water as the mass (milligrams) of constituent per unit volume (liter) of water. Concentration of suspended sediment also is expressed in milligrams per liter and

is based on the mass of dry sediment per liter of water-sediment mixture.

Minimum reporting level (MRL) is the smallest measured concentration of a constituent that may be reliably reported by using a given analytical method.

Miscellaneous site, miscellaneous station, or miscellaneous sampling site is a site where streamflow, sediment, and/or water-quality data or water-quality or sediment samples are collected once, or more often on a random or discontinuous basis to provide better areal coverage for defining hydrologic and water-quality conditions over a broad area in a river basin.

Most probable number (MPN) is an index of the number of coliform bacteria that, more probably than any other number, would give the results shown by the laboratory examination; it is not an actual enumeration. MPN is determined from the distribution of gas-positive cultures among multiple inoculated tubes.

Multiple-plate samplers are artificial substrates of known surface area used for obtaining benthic invertebrate samples. They consist of a series of spaced, hardboard plates on an eyebolt.

Nanograms per liter (NG/L, ng/L) is a unit expressing the concentration of chemical constituents in solution as mass (nanograms) of solute per unit volume (liter) of water. One million nanograms per liter is equivalent to 1 milligram per liter.

National Geodetic Vertical Datum of 1929 (NGVD 29) is a fixed reference adopted as a standard geodetic datum for elevations determined by leveling. It formerly was called "Sea Level Datum of 1929" or "mean sea level." Although the datum was derived from the mean sea level at 26 tide stations, it does not necessarily represent local mean sea level at any particular place. See NOAA Web site: <http://www.ngs.noaa.gov/faq.shtml#WhatVD29VD88> (See "North American Vertical Datum of 1988")

Natural substrate refers to any naturally occurring immersed or submersed solid surface, such as a rock or tree, upon which an organism lives. (See also "Substrate")

Nekton are the consumers in the aquatic environment and consist of large, free-swimming organisms that are capable of sustained, directed mobility.

Nonfilterable refers to the portion of the total residue retained by a filter.

North American Datum of 1927 (NAD 27) is the horizontal control datum for the United States that was defined by a location and azimuth on the Clarke spheroid of 1866.

North American Datum of 1983 (NAD 83) is the horizontal control datum for the United States, Canada, Mexico, and Central America that is based on the adjustment of 250,000 points including 600 satellite Doppler stations that constrain the system to a geocentric origin. NAD 83 has been officially adopted as the legal horizontal datum for the United States by the Federal government.

North American Vertical Datum of 1988 (NAVD 88) is a fixed reference adopted as the official civilian vertical datum for elevations determined by Federal surveying and mapping activities in the United States. This datum was established in 1991 by minimum-constraint adjustment of the Canadian, Mexican, and United States first-order terrestrial leveling networks.

Open or screened interval is the length of unscreened opening or of well screen through which water enters a well, in feet below land surface.

Organic carbon (OC) is a measure of organic matter present in aqueous solution, suspension, or bottom sediment. May be reported as dissolved organic carbon (DOC), particulate organic carbon (POC), or total organic carbon (TOC).

Organic mass or **volatile mass** of a living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. Organic mass is expressed in the same units as for ash mass and dry mass. (See also "Ash mass," "Biomass," and "Dry mass")

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m²), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliter (mL) or liter (L). Numbers of planktonic organisms can be expressed in these terms.

Organochlorine compounds are any chemicals that contain carbon and chlorine. Organochlorine compounds that are important in investigations of water, sediment, and biological quality include certain pesticides and industrial compounds.

Parameter code is a 5-digit number used in the USGS computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent or property.

Partial-record station is a site where discrete measurements of one or more hydrologic parameters are obtained over a period of time without continuous data being recorded or computed. A common example is a crest-stage gage partial-record station at which only peak stages and flows are recorded.

Particle size is the diameter, in millimeters (mm), of a particle determined by sieve or sedimentation methods. The sedimentation method uses the principle of Stokes Law to calculate sediment particle sizes. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube, sedigraph) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification, as used in this report, agrees with the recommendation made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	>0.00024 - 0.004	Sedimentation
Silt	>0.004 - 0.062	Sedimentation
Sand	>0.062 - 2.0	Sedimentation/sieve
Gravel	>2.0 - 64.0	Sieve
Cobble	>64 - 256	Manual measurement
Boulder	>256	Manual measurement

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. For the sedimentation method, most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native water analysis.

Peak flow (peak stage) is an instantaneous local maximum value in the continuous time series of streamflows or stages, preceded by a period of increasing values and followed by a period of decreasing values. Several peak values ordinarily occur in a year. The maximum peak value in a year is called the annual peak; peaks lower than the annual peak are called secondary peaks. Occasionally, the annual peak may not be the maximum value for the year; in such cases, the maximum value occurs at midnight at the beginning or end of the year, on the recession from or rise toward a higher peak in the adjoining year. If values are recorded at a discrete series of times, the

peak recorded value may be taken as an approximation of the true peak, which may occur between the recording instants. If the values are recorded with finite precision, a sequence of equal recorded values may occur at the peak; in this case, the first value is taken as the peak.

Percent composition or **percent of total** is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, weight, mass, or volume.

Percent shading is a measure of the amount of sunlight potentially reaching the stream. A clinometer is used to measure left and right bank canopy angles. These values are added together, divided by 180, and multiplied by 100 to compute percentage of shade.

Periodic-record station is a site where stage, discharge, sediment, chemical, physical, or other hydrologic measurements are made one or more times during a year but at a frequency insufficient to develop a daily record.

Periphyton is the assemblage of microorganisms attached to and living upon submerged solid surfaces. Although primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton are useful indicators of water quality.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

pH of water is the negative logarithm of the hydrogen-ion activity. Solutions with pH less than 7.0 standard units are termed "acidic," and solutions with a pH greater than 7.0 are termed "basic." Solutions with a pH of 7.0 are neutral. The presence and concentration of many dissolved chemical constituents found in water are affected, in part, by the hydrogen-ion activity of water. Biological processes including growth, distribution of organisms, and toxicity of the water to organisms also are affected, in part, by the hydrogen-ion activity of water.

Phytoplankton is the plant part of the plankton. They usually are microscopic, and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are the primary food producers in

the aquatic environment and commonly are known as algae. (See also "Plankton")

Picocurie (PC, pCi) is one-trillionth (1×10^{-12}) of the amount of radioactive nuclide represented by a curie (Ci). A curie is the quantity of radioactive nuclide that yields 3.7×10^{10} radioactive disintegrations per second (dps). A picocurie yields 0.037 dps, or 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers. Concentrations are expressed as a number of cells per milliliter (cells/mL) of sample.

Polychlorinated biphenyls (PCBs) are industrial chemicals that are mixtures of chlorinated biphenyl compounds having various percentages of chlorine. They are similar in structure to organochlorine insecticides.

Polychlorinated naphthalenes (PCNs) are industrial chemicals that are mixtures of chlorinated naphthalene compounds. They have properties and applications similar to polychlorinated biphenyls (PCBs) and have been identified in commercial PCB preparations.

Pool, as used in this report, is a small part of a stream reach with little velocity, commonly with water deeper than surrounding areas.

Primary productivity is a measure of the rate at which new organic matter is formed and accumulated through photo-synthetic and chemosynthetic activity of producer organisms (chiefly, green plants). The rate of primary production is estimated by measuring the amount of oxygen released (oxygen method) or the amount of carbon assimilated (carbon method) by the plants.

Primary productivity (carbon method) is expressed as milligrams of carbon per area per unit time [$\text{mg C}/(\text{m}^2/\text{time})$] for periphyton and macrophytes or per volume [$\text{mg C}/(\text{m}^3/\text{time})$] for phytoplankton. The carbon method defines the amount of carbon dioxide consumed as measured by radioactive carbon (carbon-14). The carbon-14 method is of greater sensitivity than the oxygen light- and dark-bottle method and is preferred for use with unenriched water samples. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Primary productivity (oxygen method) is expressed as milligrams of oxygen per area per unit time [$\text{mg O}/(\text{m}^2/\text{time})$] for periphyton and macrophytes or per vol-

ume [$\text{mg O}/(\text{m}^3/\text{time})$] for phytoplankton. The oxygen method defines production and respiration rates as estimated from changes in the measured dissolved-oxygen concentration. The oxygen light- and dark-bottle method is preferred if the rate of primary production is sufficient for accurate measurements to be made within 24 hours. Unit time may be either the hour or day, depending on the incubation period. (See also "Primary productivity")

Radioisotopes are isotopic forms of elements that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus; for example, ordinary chlorine is a mixture of isotopes having atomic weights of 35 and 37, and the natural mixture has an atomic weight of about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron. There are 275 isotopes of the 81 stable elements, in addition to more than 800 radioactive isotopes.

Reach, as used in this report, is a length of stream that is chosen to represent a uniform set of physical, chemical, and biological conditions within a segment. It is the principal sampling unit for collecting physical, chemical, and biological data.

Recoverable is the amount of a given constituent that is in solution after a representative water sample has been extracted or digested. Complete recovery is not achieved by the extraction or digestion and thus the determination represents something less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results. (See also "Bed material")

Recurrence interval, also referred to as return period, is the average time, usually expressed in years, between occurrences of hydrologic events of a specified type (such as exceedances of a specified high flow or nonexceedance of a specified low flow). The terms "return period" and "recurrence interval" do not imply regular cyclic occurrence. The actual times between occurrences vary randomly, with most of the times being less than the average and a few being substantially greater than the average. For example, the 100-year flood is the flow rate that is exceeded by the annual maximum peak flow at intervals whose average length is 100 years (that is, once in 100

years, on average); almost two-thirds of all exceedances of the 100-year flood occur less than 100 years after the previous exceedance, half occur less than 70 years after the previous exceedance, and about one-eighth occur more than 200 years after the previous exceedance. Similarly, the 7-day, 10-year low flow ($7Q_{10}$) is the flow rate below which the annual minimum 7-day-mean flow dips at intervals whose average length is 10 years (that is, once in 10 years, on average); almost two-thirds of the nonexceedances of the $7Q_{10}$ occur less than 10 years after the previous nonexceedance, half occur less than 7 years after, and about one-eighth occur more than 20 years after the previous nonexceedance. The recurrence interval for annual events is the reciprocal of the annual probability of occurrence. Thus, the 100-year flood has a 1-percent chance of being exceeded by the maximum peak flow in any year, and there is a 10-percent chance in any year that the annual minimum 7-day-mean flow will be less than the $7Q_{10}$.

Replicate samples are a group of samples collected in a manner such that the samples are thought to be essentially identical in composition.

Return period (See “Recurrence interval”)

Riffle, as used in this report, is a shallow part of the stream where water flows swiftly over completely or partially submerged obstructions to produce surface agitation.

River mileage is the curvilinear distance, in miles, measured upstream from the mouth along the meandering path of a stream channel in accordance with Bulletin No. 14 (October 1968) of the Water Resources Council and typically is used to denote location along a river.

Run, as used in this report, is a relatively shallow part of a stream with moderate velocity and little or no surface turbulence.

Runoff is the quantity of water that is discharged (“runs off”) from a drainage basin during a given time period. Runoff data may be presented as volumes in acre-feet, as mean discharges per unit of drainage area in cubic feet per second per square mile, or as depths of water on the drainage basin in inches. (See also “Annual runoff”)

Salinity is the total quantity of dissolved salts, measured by weight in parts per thousand. Values in this report are calculated from specific conductance and temperature. Seawater has an average salinity of about 35 parts per thousand (for additional informa-

tion, refer to: Miller, R.L., Bradford, W.L., and Peters, N.E., 1988, Specific conductance: theoretical considerations and application to analytical quality control: U.S. Geological Survey Water-Supply Paper 2311, 16 p.)

Sea level, as used in this report, refers to one of the two commonly used national vertical datums (NGVD 1929 or NAVD 1988). See separate entries for definitions of these datums.

Sediment is solid material that originates mostly from disintegrated rocks; when transported by, suspended in, or deposited from water, it is referred to as “fluvial sediment.” Sediment includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are affected by environmental and land-use factors. Some major factors are topography, soil characteristics, land cover, and depth and intensity of precipitation.

Sensible heat flux (often used interchangeably with latent sensible heat-flux density) is the amount of heat energy that moves by turbulent transport through the air across a specified cross-sectional area per unit time and goes to heating (cooling) the air. Usually expressed in watts per square meter.

Seven-day, 10-year low flow ($7Q_{10}$) is the discharge below which the annual 7-day minimum flow falls in 1 year out of 10 on the long-term average. The recurrence interval of the $7Q_{10}$ is 10 years; the chance that the annual 7-day minimum flow will be less than the $7Q_{10}$ is 10 percent in any given year. (See also “Annual 7-day minimum” and “Recurrence interval”)

Shelves, as used in this report, are streambank features extending nearly horizontally from the flood plain to the lower limit of persistent woody vegetation.

Sodium adsorption ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Sodium hazard in water is an index that can be used to evaluate the suitability of water for irrigating crops.

Soil heat flux (often used interchangeably with soil heat-flux density) is the amount of heat energy that moves by conduction across a specified cross-sectional area of soil per unit time and goes to heating (or cooling) the soil. Usually expressed in watts per square meter.

Soil-water content is the water lost from the soil upon drying to constant mass at 105 °C; expressed either as mass of water per unit mass of dry soil or as the volume of water per unit bulk volume of soil.

Specific electrical conductance (conductivity) is a measure of the capacity of water (or other media) to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific electrical conductance is a function of the types and quantity of dissolved substances in water and can be used for approximating the dissolved-solids content of the water. Commonly, the concentration of dissolved solids (in milligrams per liter) is from 55 to 75 percent of the specific conductance (in microsiemens). This relation is not constant from stream to stream, and it may vary in the same source with changes in the composition of the water.

Stable isotope ratio (per MIL) is a unit expressing the ratio of the abundance of two radioactive isotopes. Isotope ratios are used in hydrologic studies to determine the age or source of specific water, to evaluate mixing of different water, as an aid in determining reaction rates, and other chemical or hydrologic processes.

Stage (See “Gage height”)

Stage-discharge relation is the relation between the water-surface elevation, termed stage (gage height), and the volume of water flowing in a channel per unit time.

Streamflow is the discharge that occurs in a natural channel. Although the term “discharge” can be applied to the flow of a canal, the word “streamflow” uniquely describes the discharge in a surface stream course. The term “streamflow” is more general than “runoff” as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Substrate is the physical surface upon which an organism lives.

Substrate embeddedness class is a visual estimate of riffle streambed substrate larger than gravel that is surrounded or covered by fine sediment (<2 mm, sand or finer). Below are the class categories expressed as the percentage covered by fine sediment:

0	no gravel or larger substrate	3	26-50 percent
1	> 75 percent	4	5-25 percent
2	51-75 percent	5	< 5 percent

Surface area of a lake is that area (acres) encompassed by the boundary of the lake as shown on USGS topographic maps, or other available maps or photographs. Because surface area changes with lake stage, surface areas listed in this report represent those determined for the stage at the time the maps or photographs were obtained.

Surficial bed material is the upper surface (0.1 to 0.2 foot) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Surrogate is an analyte that behaves similarly to a target analyte, but that is highly unlikely to occur in a sample. A surrogate is added to a sample in known amounts before extraction and is measured with the same laboratory procedures used to measure the target analyte. Its purpose is to monitor method performance for an individual sample.

Suspended is the amount (concentration) of undissolved material in a water-sediment mixture. Most commonly refers to that material retained on a 0.45-micrometer filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45-micrometer filter has been extracted or digested. Complete recovery is not achieved by the extraction or digestion procedures and thus the determination represents less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results. (See also “Suspended”)

Suspended sediment is sediment carried in suspension by the turbulent components of the fluid or by the Brownian movement (a law of physics). (See also “Sediment”)

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 foot above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L). The analytical technique uses the mass of all of the sediment and the net weight of the water-sediment mixture in a sample to compute the suspended-sediment concentration. (See also “Sediment” and “Suspended sediment”)

Suspended-sediment discharge (tons/d) is the rate of sediment transport, as measured by dry mass or

volume, that passes a cross section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft³/s) x 0.0027. (See also “Sediment,” “Suspended sediment,” and “Suspended-sediment concentration”)

Suspended-sediment load is a general term that refers to a given characteristic of the material in suspension that passes a point during a specified period of time. The term needs to be qualified, such as “annual suspended-sediment load” or “sand-size suspended-sediment load,” and so on. It is not synonymous with either suspended-sediment discharge or concentration. (See also “Sediment”)

Suspended solids, total residue at 105 °C concentration is the concentration of inorganic and organic material retained on a filter, expressed as milligrams of dry material per liter of water (mg/L). An aliquot of the sample is used for this analysis.

Suspended, total is the total amount of a given constituent in the part of a water-sediment sample that is retained on a 0.45-micrometer membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. Knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as “suspended, total.” Determinations of “suspended, total” constituents are made either by directly analyzing portions of the suspended material collected on the filter or, more commonly, by difference, on the basis of determinations of (1) dissolved and (2) total concentrations of the constituent. (See also “Suspended”)

Synoptic studies are short-term investigations of specific water-quality conditions during selected seasonal or hydro-logic periods to provide improved spatial resolution for critical water-quality conditions. For the period and conditions sampled, they assess the spatial distribution of selected water-quality conditions in relation to causative factors, such as land use and contaminant sources.

Taxa (Species) richness is the number of species (taxa) present in a defined area or sampling unit.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, *Hexagenia limbata*, is the following:

Kingdom:	Animal
Phylum:	Arthropoda
Class:	Insecta
Order:	Ephemeroptera
Family:	Ephemeridae
Genus:	<i>Hexagenia</i>
Species:	<i>Hexagenia limbata</i>

Thalweg is the line formed by connecting points of minimum streambed elevation (deepest part of the channel).

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term “temperature recorder” is used in the table descriptions and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water resulting from the mixing of flow proportionally to the duration of the concentration.

Tons per acre-foot (T/acre-ft) is the dry mass (tons) of a constituent per unit volume (acre-foot) of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY, tons/d) is a common chemical or sediment discharge unit. It is the quantity of a substance in solution, in suspension, or as bedload that passes a stream section during a 24-hour period. It is equivalent to 2,000 pounds per day, or 0.9072 metric ton per day.

Total is the amount of a given constituent in a representative whole-water (unfiltered) sample, regardless of the constituent’s physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as “total.” (Note that the word “total” does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined at least 95 percent of the constituent in the sample.)

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. This group includes coliforms that inhabit the intestine of warmblooded animals and those that inhabit soils. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria that ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory, these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35 °C plus or minus 1.0 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 milliliters of sample. (See also "Bacteria")

Total discharge is the quantity of a given constituent, measured as dry mass or volume, that passes a stream cross section per unit of time. When referring to constituents other than water, this term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

Total in bottom material is the amount of a given constituent in a representative sample of bottom material. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total in bottom material."

Total length (fish) is the straight-line distance from the anterior point of a fish specimen's snout, with the mouth closed, to the posterior end of the caudal (tail) fin, with the lobes of the caudal fin squeezed together.

Total load refers to all of a constituent in transport. When referring to sediment, it includes suspended load plus bed load.

Total organism count is the number of organisms collected and enumerated in any particular sample. (See also "Organism count/volume")

Total recoverable is the amount of a given constituent in a whole-water sample after a sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment, and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data for whole-water sam-

ples, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures may produce different analytical results.

Total sediment discharge is the mass of suspended-sediment plus bed-load transport, measured as dry weight, that passes a cross section in a given time. It is a rate and is reported as tons per day. (See also "Bedload," "Bedload discharge," "Sediment," "Suspended sediment," and "Suspended-sediment concentration")

Total sediment load or **total load** is the sediment in transport as bedload and suspended-sediment load. The term may be qualified, such as "annual suspended-sediment load" or "sand-size suspended-sediment load," and so on. It differs from total sediment discharge in that load refers to the material, whereas discharge refers to the quantity of material, expressed in units of mass per unit time. (See also "Sediment," "Suspended-sediment load," and "Total load")

Transect, as used in this report, is a line across a stream perpendicular to the flow and along which measurements are taken, so that morphological and flow characteristics along the line are described from bank to bank. Unlike a cross section, no attempt is made to determine known elevation points along the line.

Turbidity is an expression of the optical properties of a liquid that causes light rays to be scattered and absorbed rather than transmitted in straight lines through water. Turbidity, which can make water appear cloudy or muddy, is caused by the presence of suspended and dissolved matter, such as clay, silt, finely divided organic matter, plankton and other microscopic organisms, organic acids, and dyes (ASTM International, 2003, D1889–00 Standard test method for turbidity of water, *in* ASTM International, Annual Book of ASTM Standards, Water and Environmental Technology, v. 11.01: West Conshohocken, Pennsylvania, 6 p.). The color of water, whether resulting from dissolved compounds or suspended particles, can affect a turbidity measurement. To ensure that USGS turbidity data can be understood and interpreted properly within the context of the instrument used and site conditions encountered, data from each instrument type are stored and reported in the National Water Information System (NWIS) using parameter codes and measurement reporting units that are specific to the instrument type, with specific instruments designated by the method code. The respective measurement units, many of which also are in use internationally, fall into

two categories: (1) the designations NTU, NTRU, BU, AU, and NTMU signify the use of a broad spectrum incident light in the wavelength range of 400-680 nanometers (nm), but having different light detection configurations; (2) The designations FNU, FNRU, FBU, FAU, and FNMU generally signify an incident light in the range between 780-900 nm, also with varying light detection configurations. These reporting units are equivalent when measuring a calibration solution (for example, formazin or polymer beads), but their respective instruments may not produce equivalent results for environmental samples. Specific reporting units are as follows:

NTU (Nephelometric Turbidity Units): white or broadband [400-680 nm] light source, 90 degree detection angle, one detector.

NTRU (Nephelometric Turbidity Ratio Units): white or broadband [400-680 nm] light source, 90 degree detection angle, multiple detectors with ratio compensation.

BU (Backscatter Units): white or broadband [400-680 nm] light source, 30 ± 15 degree detection angle (backscatter).

AU (Attenuation Units): white or broadband [400-680 nm] light source, 180 degree detection angle (attenuation).

NTMU (Nephelometric Turbidity Multibeam Units): white or broadband [400-680 nm] light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

FNU (Formazin Nephelometric Units): near infrared [780-900 nm] or monochrome light source, 90 degree detection angle, one detector.

FNRU (Formazin Nephelometric Ratio Units): near infrared [780-900 nm] or monochrome light source, 90 degree detection angle, multiple detectors, ratio compensation.

FBU (Formazin Backscatter Units): near infrared [780-900 nm] or monochrome light source, 30 ± 15 degree detection angle.

FAU (Formazin Attenuation Units): near infrared [780-900 nm] light source, 180 degree detection angle.

FNMU (Formazin Nephelometric Multibeam Units): near infrared [780-900 nm] or monochrome light source, multiple light sources, detectors at 90 degrees and possibly other angles to each beam.

For more information please see http://water.usgs.gov/owq/FieldManual/Chapter6/6.7_contents.html.

Ultraviolet (UV) absorbance (absorption) at 254 or 280 nanometers is a measure of the aggregate concentration of the mixture of UV absorbing organic materials dissolved in the analyzed water, such as lignin, tannin, humic substances, and various aromatic compounds. UV absorbance (absorption) at 254 or 280 nanometers is measured in UV absorption units per centimeter of path length of UV light through a sample.

Unconfined aquifer is an aquifer whose upper surface is a water table free to fluctuate under atmospheric pressure. (See "Water-table aquifer")

Unfiltered pertains to the constituents in an unfiltered, representative water-suspended sediment sample.

Unfiltered, recoverable is the amount of a given constituent in a representative water-suspended sediment sample that has been extracted or digested. Complete recovery is not achieved by the extraction or digestion treatment and thus the determination represents less than 95 percent of the constituent present in the sample. To achieve comparability of analytical data, equivalent extraction or digestion procedures are required of all laboratories performing such analyses because different procedures are likely to produce different analytical results.

Vertical datum (See "Datum")

Volatile organic compounds (VOCs) are organic compounds that can be isolated from the water phase of a sample by purging the water sample with inert gas, such as helium, and, subsequently, analyzed by gas chromatography. Many VOCs are human-made chemicals that are used and produced in the manufacture of paints, adhesives, petroleum products, pharmaceuticals, and refrigerants. They often are components of fuels, solvents, hydraulic fluids, paint thinners, and dry-cleaning agents commonly used in urban settings. VOC contamination of drinking-water supplies is a human-health concern because many are toxic and are known or suspected human carcinogens.

Water table is that surface in a ground-water body at which the water pressure is equal to the atmospheric pressure.

Water-table aquifer is an unconfined aquifer within which the water table is found.

Water year in USGS reports dealing with surface-water supply is the 12-month period October 1 through September 30. The water year is designated by the calendar year in which it ends and which

includes 9 of the 12 months. Thus, the year ending September 30, 2002, is called the “2002 water year.”

Watershed (See “Drainage basin”)

WDR is used as an abbreviation for “Water-Data Report” in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports. (WRD was used as an abbreviation for “Water-Resources Data” in reports published prior to 1976.)

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

Wet mass is the mass of living matter plus contained water. (See also “Biomass” and “Dry mass”)

Wet weight refers to the weight of animal tissue or other substance including its contained water. (See also “Dry weight”)

WSP is used as an acronym for “Water-Supply Paper” in reference to previously published reports.

Zooplankton is the animal part of the plankton. Zooplankton are capable of extensive movements within the water column and often are large enough to be seen with the unaided eye. Zooplankton are secondary consumers feeding upon bacteria, phytoplankton, and detritus. Because they are the grazers in the aquatic environment, the zooplankton are a vital part of the aquatic food web. The zooplankton community is dominated by small crustaceans and rotifers. (See also “Plankton”)

TABLE 3.--Sites in Alabama by basin and figure number.

(Type: Q, continuous streamflow; G, gage height or elevation; FH, flood hydrograph; S, sediment; QW, water quality sample site; QWC, continuous water quality data; L, lake; C, crest stage)

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
APALACHICOLA RIVER BASIN					
West Point Lake near West Point, GA	Troup Co., Ga.	02339400	32°55'05"/85°11'17"	L	4
Chattahoochee River at West Point, GA	Troup Co., Ga.	02339500	32°53'10"/85°10'56"	Q, G	4
Chattahoochee River at GA 280 near Columbus, GA	Muscogee Ga.-Russell	02341505	32°27'45"/84°59'52"	Q, G	4
Uchee Creek near Fort Mitchell	Russell	02342500	32°19'00"/85°00'54"	Q	4
South Fork Cowkisee Creek near Batesville	Barbour	02342933	32°01'03"/85°17'45"	Q	4
Chattahoochee River at Coast Guard Dock at Eufaula	Barbour	0234296910	31°54'29"/85°08'42"	G	4
Walter F. George Lake near Fort Gaines, GA	Clay Co., Ga.	02343240	31°37'27"/85°04'03"	L	4
Chattahoochee River near Columbia	Early Co., Ga.-Houston	02343801	31°15'33"/85°06'37"	Q	4
CHOCTAWHATCHEE RIVER BASIN					
Choctawhatchee River near Newton	Dale	02361000	31°20'34"/85°36'38"	Q, G	4
Choctawhatchee River near Bellwood	Geneva	02361500	31°09'33"/85°47'04"	Q, G	4
Choctawhatchee River near Geneva	Geneva	02362000	31°02'28"/85°51'08"	G	4
Little Double Bridges Creek near Enterprise	Coffee	02362240	31°16'20"/85°57'30"	Q	4
Pea River near Ariton	Dale	02363000	31°35'41"/85°46'59"	Q	4
Pea River at Elba	Coffee	02364000	31°24'48"/86°03'47"	G	4
Pea River near Samson	Geneva	02364500	31°06'45"/86°05'58"	Q	4
BLACKWATER RIVER BASIN					
Blackwater River near Bradley	Escambia	02369800	31°01'39"/86°42'36"	Q	4
ESCAMBIA RIVER BASIN					
Conecuh River at Brantley	Crenshaw	02371500	31°34'24"/86°15'06"	Q	5
Patsaliga Creek near Brantley	Crenshaw	02372250	31°35'46"/86°24'20"	Q	5
Conecuh River below Point A Dam near River Falls	Covington	02372422	31°21'40"/86°31'11"	Q, G	5
Conecuh River at River Falls	Covington	02372430	31°20'53"/86°31'46"	G	5
Sepulga River near McKenzie	Conecuh	02373000	31°27'13"/86°47'13"	Q	5
Conecuh River at Highway 41 near Brewton	Escambia	02374250	31°04'01"/87°03'42"	Q, G	5
Murder Creek near Evergreen	Conecuh	02374500	31°25'06"/86°59'12"	Q	5
Murder Creek at Highway 41 at Brewton	Escambia	02374700	31°06'03"/87°04'08"	Q, G	5
Burnt Corn Creek near Brewton	Escambia	02374745	31°07'47"/87°05'14"	Q, G	5
Big Escambia Creek near Stanley Crossroads	Escambia	02374950	31°07'46"/87°22'14"	Q	5
PERDIDO RIVER BASIN					
Perdido River at Barrineau Park, FL	Baldwin	02376500	30°41'25"/87°26'25"	Q	5
Styx River near Elsanor	Baldwin	02377570	30°36'20"/87°32'50"	Q	5
FISH RIVER BASIN					
Magnolia River at US 98 near Foley	Baldwin	02378300	30°24'23"/87°44'13"	Q	5
Fish River near Silver Hill	Baldwin	02378500	30°32'43"/87°47'55"	Q	5
MOBILE RIVER BASIN					
Chattooga River above Gaylesville	Cherokee	02398300	34°17'25"/85°30'33"	Q	6
West Fork Little River, DeSoto Park near Fort Payne	DeKalb	02398950	34°29'30"/85°37'00"	Q	6
Little River near Blue Pond	Cherokee	02399200	34°17'20"/85°40'50"	Q	6
Weiss Lake near Leesburg	Cherokee	02399499	34°10'19"/85°45'14"	L	6
Coosa River at Leesburg	Cherokee	02399500	34°10'36"/85°45'15"	G	6
Terrapin Creek at Ellisville	Cherokee	02400100	34°03'54"/85°36'51"	Q	6
Coosa River at Gadsden Steamplant near Gadsden	Etowah	02400496	34°00'50"/85°58'13"	G	6
Coosa River at Gadsden	Etowah	02400500	34°00'37"/85°59'52"	G	6
Big Willis Creek near Fort Payne	DeKalb	02400680	34°26'17"/85°46'02"	Q	6
Big Willis Creek near Reece City	Etowah	02401000	34°05'53"/86°02'17"	Q	6
Big Canoe Creek at Ashville	St. Clair	02401390	33°50'23"/86°15'46"	Q	6
H. Neely Henry Reservoir near Gadsden	Calhoun	02401620	33°47'02"/86°03'10"	L	6
Choccolocco Creek near Boiling Spring	Calhoun	02403310	33°36'07"/85°47'07"	Q	6

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
Choccolocco Creek at Jackson Shoals near Lincoln	Talladega	02404400	33°32'54"/86°05'49"	Q	6
Logan Martin Reservoir near Childersburg	St. Clair	02405200	33°24'33"/86°20'17"	L	6
Kelly Creek near Vincent	Shelby	02405500	33°26'51"/86°23'13"	Q	6
Talladega Creek at Alpine	Talladega	02406500	33°21'34"/86°14'03"	Q	6
Coosa River at Childersburg	Shelby	02407000	33°17'30"/86°21'50"	G	6
Coosa River at Gaston Steamplant near Wilsonville	Shelby	02407526	33°14'28"/86°27'30"	G	6
Lay Lake near Clanton	Chilton	02407950	32°57'54"/86°31'03"	L	6
Hatchet Creek below Rockford	Coosa	02408540	32°55'00"/86°16'13"	Q	6
Mitchell Lake near Clanton	Chilton	02409400	32°48'30"/86°26'30"	L	6
Jordan Lake near Wetumpka	Elmore	02410400	32°37'07"/86°15'19"	L	6
Coosa River at Jordan Dam near Wetumpka	Elmore	02411000	32°36'50"/86°15'18"	Q	6
Coosa River at Wetumpka	Elmore	02411600	32°32'13"/86°12'32"	G	6
Tallapoosa River near Heflin	Cleburne	02412000	33°37'22"/85°30'48"	Q	7
Little Tallapoosa River near Newell	Randolph	02413300	33°26'14"/85°23'57"	Q	7
Harris Reservoir near Wedowee	Randolph	02413950	33°15'37"/85°37'00"	L	7
Tallapoosa River at Wadley	Randolph	02414500	33°07'00"/85°33'39"	Q, G	7
Tallapoosa River near New Site	Tallapoosa	02414715	32°58'38"/85°44'23"	Q	7
Hillabee Creek near Hackneyville	Tallapoosa	02415000	33°04'00"/85°52'45"	Q	7
Lake Martin near Tallassee	Tallapoosa	02417500	32°40'41"/85°54'30"	L	7
Sougahatchee Creek near Loachapoka	Lee	02418230	32°37'36"/85°35'17"	Q	7
Tallapoosa River below Tallassee	Tallapoosa	02418500	32°33'15"/85°53'21"	Q	7
Chewacla Creek near Auburn	Lee	02418760	32°32'53"/85°28'50"	Q	7
Uphapee Creek near Tuskegee	Macon	02419000	32°28'36"/85°41'42"	Q	7
Tallapoosa River at Milstead	Elmore	02419500	32°26'56"/85°53'51"	G	7
Tallapoosa River near Montgomery	Montgomery	02419890	32°26'23"/86°11'44"	Q, G	7
Alabama River at Montgomery	Montgomery	02419988	32°23'31"/86°19'04"	G	8
Alabama River near Montgomery	Montgomery	02420000	32°24'41"/86°24'30"	Q, G	8
Catoma Creek near Montgomery	Montgomery	02421000	32°18'26"/86°17'58"	Q	8
Alabama River below R.F. Henry L & D near Benton	Lowndes	02421351	32°19'20"/86°47'02"	G	8
Mulberry Creek at Jones	Dallas	02422500	32°34'58"/86°54'13"	Q	8
Alabama River at Selma	Dallas	02423000	32°24'20"/87°01'07"	G	8
Cahaba River at Trussville	Jefferson	02423130	33°37'20"/86°35'58"	Q, QWC	9
Cahaba River near Mountain Brook	Jefferson	02423380	33°28'54"/86°42'46"	Q	9
Little Cahaba River below Leeds	Jefferson	02423397	33°32'04"/86°33'45"	Q, QWC	9
Little Cahaba River near Leeds	Jefferson	02423398	33°31'27"/86°34'32"	Q, QWC	9
Little Cahaba River at Cahaba Beach nr. Cahaba Heights	Shelby	02423414	33°26'23"/86°41'56"	Q	9
Cahaba River near Cahaba Heights	Shelby	02423425	33°24'56"/86°44'23"	Q	9
Cahaba River near Hoover	Jefferson	02423496	33°22'09"/86°47'03"	Q, QWC	9
Cahaba River near Acton	Jefferson	02423500	33°21'48"/86°48'47"	Q	9
Cahaba Valley Creek at Cross Creek Road at Pelham	Shelby	0242354750	33°18'48"/86°48'23"	Q, QW, S	9
Cahaba River near Helena	Shelby	02423555	33°17'04"/82°52'57"	Q	9
Shades Creek near Homewood	Jefferson	02423586	33°26'55"/86°48'49"	Q	9
Shades Creek near Greenwood	Jefferson	02423630	33°19'34"/86°56'59"	Q	9
Cahaba River at Centreville	Bibb	02424000	32°56'42"/87°08'21"	Q, G	9
Cahaba River near Suttle	Perry	02424590	32°31'45"/87°11'56"	Q	9
Cahaba River near Marion Junction	Dallas	02425000	32°26'38"/87°10'49"	Q	9
Pine Barren Creek near Snow Hill	Wilcox	02427250	31°59'46"/87°04'06"	Q	8
Alabama River below Millers Ferry L & D near Camden	Wilcox	02427506	32°06'00"/87°23'52"	G	8
Alabama River at Claiborne L&D near Monroeville	Monroe	02428400	31°36'54"/87°33'02"	Q	8
Ala. River below Claiborne L&D near Monroeville	Monroe	02428401	31°36'48"/87°33'02"	G	8
Buttahatchee River below Hamilton	Marion	02438000	34°06'22"/87°59'22"	Q	10
Luxapallila Creek at Millport	Lamar	02442500	33°34'30"/88°05'00"	Q	10

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
Tombigbee River at Beville L&D near Pickensville	Pickens	02444160	33°12'38"/88°17'19"	Q	10
Tombigbee River near Cochrane	Pickens	02444500	33°04'52"/88°14'16"	G	10
Sipsey River near Elrod	Tuscaloosa	02446500	33°15'25"/87°46'35"	Q	10
Tombigbee River at Heflin L&D near Gainesville	Greene	02447025	32°50'53"/88°09'22"	Q	10
Noxubee River near Geiger	Sumter	02448500	32°55'57"/88°17'52"	Q	10
Bodka Creek near Geiger	Sumter	02448900	32°48'25"/88°18'43"	Q	10
Duck River near Berlin	Cullman	02449840	34°10'19"/86°41'42"	G	11
Blue Springs Creek near Blountsville	Blount	02449882	34°04'47"/86°36'28"	Q	11
Mulberry Fork near Garden City	Blount	02450000	33°59'42"/86°44'56"	Q	11
Mulberry Fork near Arkadelphia	Blount	02450180	33°52'19"/86°55'20"	Q	11
Sipsey Fork near Grayson	Winston	02450250	34°17'07"/87°23'56"	Q	11
Clear Creek at New Hope Church near Poplar Spring	Winston	02450825	34°04'52"/87°25'22"	Q	11
Lewis Smith Reservoir near Jasper	Walker	02451950	33°56'26"/87°06'28"	L	11
Blackwater Creek near Manchester	Walker	02453000	33°54'30"/87°15'25"	Q	11
Mulberry Fork at Cordova	Walker	02453500	33°45'27"/87°10'13"	G	11
Lost Creek above Parrish	Walker	02454055	33°44'30"/87°19'37"	Q	11
Locust Fork near Cleveland	Blount	02455000	34°01'28"/86°34'27"	Q	12
Locust Fork near Warrior	Jefferson	02455900	33°48'30"/86°48'04"	Q	12
Turkey Creek at Sewage Plant near Pinson	Jefferson	02455980	33°42'40"/86°41'46"	Q, QWC	12
Turkey Creek at Morris	Jefferson	02456000	33°44'25"/86°48'45"	Q	12
Locust Fork at Sayre	Jefferson	02456500	33°42'35"/86°59'00"	Q	12
Fivemile Creek at Lawson Road near Tarrant	Jefferson	02456980	33°36'27"/86°44'35"	Q	12
Barton Branch near Tarrant	Jefferson	02456998	33°36'38"/86°33'33"	Q	12
Fivemile Creek at Ketona	Jefferson	02457000	33°36'05"/86°45'20"	Q, QW	12
Fivemile Creek near Republic	Jefferson	02457595	33°35'49"/86°52'05"	Q, QW, QWC	12
Fivemile Creek below Prudes Creek near Graysville	Jefferson	02457670	33°38'32"/86°57'15"	Q, QWC	12
Village Creek at 86th Street North at Roebuck	Jefferson	02458148	33°34'37"/86°43'08"	Q	12
Village Creek at Apalachee Street in Birmingham	Jefferson	02458200	33°32'45"/86°47'09"	Q	12
Village Creek at 24th Street at Birmingham	Jefferson	02458300	33°32'33"/86°49'03"	Q	12
Village Creek at Ave. W at Ensley	Jefferson	02458450	33°31'03"/86°52'45"	Q, QWC	12
Village Creek near Pratt City	Jefferson	02458502	33°31'59"/86°53'59"	Q	12
Village Creek near Docena	Jefferson	02458600	33°32'53"/86°55'33"	Q, QWC	12
Valley Creek at Center Street at Birmingham	Jefferson	02461130	33°30'20"/86°50'12"	Q	13
Valley Creek near Bessemer	Jefferson	02461500	33°25'09"/86°58'58"	Q	13
Valley Creek below Bessemer	Jefferson	02461640	33°23'59"/86°59'36"	Q	13
Valley Creek near Oak Grove	Jefferson	02462000	33°26'50"/87°07'20"	Q	13
Black Warrior River at Bankhead L&D near Bessemer	Jefferson	02462500	33°27'30"/87°21'15"	Q	13
Black Warrior River bl Bankhead L&D near Bessemer	Jefferson	02462501	33°27'25"/87°21'18"	G	13
Black Warrior River at Holt L&D near Holt	Tuscaloosa	02462951	33°15'11"/87°26'57"	Q	13
Black Warrior River below Holt L&D near Holt	Tuscaloosa	02462952	33°15'10"/87°27'05"	G	13
North River near Samantha	Tuscaloosa	02464000	33°28'45"/87°35'50"	Q	13
Turkey Creek near Tuscaloosa	Tuscaloosa	02464146	33°24'48"/87°30'38"	Q	13
Binion Creek below Gin Creek near Samantha	Tuscaloosa	02464360	33°25'29"/87°38'33"	Q	13
Lake Tuscaloosa near Tuscaloosa	Tuscaloosa	02464800	33°16'02"/87°30'22"	G	13
Black Warrior River at Oliver L&D near Northport	Tuscaloosa	02465000	33°12'33"/87°35'24"	Q	13
Black Warrior River below Oliver L&D at Tuscaloosa	Tuscaloosa	02465005	33°12'28"/87°35'36"	G	13
Cribbs Mill Creek at Wastewater Plant at Tuscaloosa	Tuscaloosa	02465292	33°10'29"/87°33'53"	Q	13
Elliotts Creek at Moundville	Hale	02465493	32°59'50"/87°37'20"	Q	13
Black Warrior River at Selden L&D near Eutaw	Hale	02466030	32°46'40"/87°50'26"	Q	13
Black Warrior River below Selden L&D near Eutaw	Hale	02466031	32°46'38"/87°50'29"	G	13
Tombigbee River at Demopolis L&D near Coatopa	Marengo	02467000	32°31'10"/87°52'42"	Q	14
Tombigbee River below Demopolis L&D near Coatopa	Marengo	02467001	32°31'15"/87°52'48"	G	14
Sucarnoochee River at Livingston	Sumter	02467500	32°34'25"/88°11'36"	Q	14
Tombigbee River near Nanafalia	Choctaw-Marengo	02469525	32°07'48"/88°02'28"	G	14

Station name	County	Station number	Lat/Long	Type (see headnote)	Fig.
Tombigbee River at Coffeerville L&D near Coffeerville	Choctaw	02469761	31°45'30"/88°07'45"	Q	14
Tombigbee River bel Coffeerville L&D near Coffeerville	Choctaw	02469762	31°45'25"/88°07'30"	G, QW, S	14
Harris Creek near Campbell	Clarke	02469795	31°53'53"/88°00'44"	C	14
Satilpa Creek near Coffeerville	Clarke	02469800	31°44'39"/88°01'21"	Q	14
Tombigbee River near Leroy	Washington	02470050	31°29'09"/87°54'32"	G	14
Bassett Creek at U.S. Highway 43 near Thomasville	Clarke	02470072	31°51'50"/87°44'50"	Q	14
Mobile River at River Mile 31 at Bucks	Mobile	02470629	31°00'56"/88°01'15"	Q, G	15
Mobile River at Bucks	Mobile	02470630	31°00'10"/88°01'40"	C	15
Chickasaw Creek near Kushla	Mobile	02471001	30°48'10"/88°08'36"	Q	15
Tensaw River	Mobile	02471019	31°04'01"/87°57'31"	Q	15
Fowl River at Half Mile Road near Laurendine	Mobile	02471078	30°30'02"/88°10'53"	Q	15
PASCAGOULA RIVER BASIN					
Escatawpa River near Agricola, MS	George Co., MS	02479560	30°48'12"/88°27'31"	Q	16
Big Creek at County Road 63 near Wilmer	Mobile	02479945	30°41'21"/88°20'02"	Q	16
Crooked Creek near Fairview	Mobile	02479980	30°46'48"/88°19'08"	Q	16
Hamilton Creek at Snow Road near Semmes	Mobile	02480002	30°43'33"/88°16'35"	Q	16
TENNESSEE RIVER BASIN					
Scarham Creek near McVile	Marshall	03573182	34°17'54"/86°07'00"	Q	17
Guntersville Lake near Guntersville	Marshall	03574000	34°25'17"/86°23'34"	L	17
Paint Rock River near Woodville	Jackson	03574500	34°37'27"/86°18'23"	Q	18
Hester Creek near Plevna	Madison	0357479650	34°57'39"/86°27'49"	Q	18
Flint River at Brownsboro	Madison	03575100	34°44'57"/86°26'48"	Q	18
Big Cove Creek at Dug Hill Road near Huntsville	Madison	0357526200	34°42'17"/86°30'44"	FH	18
Tennessee River at Whitesburg	Madison	03575500	34°34'18"/86°33'29"	Q	18
Aldridge Creek at Toney Drive at Huntsville	Madison	0357568650	34°41'53"/86°33'02"	FH	18
Martin Hollow near Huntsville	Madison	0357568820	34°41'07"/86°32'43"	C	18
Aldridge Creek at Sherwood Drive near Huntsville	Madison	0357568980	34°39'51"/86°33'15"	FH	18
Aldridge Creek near Farley	Madison	03575700	34°37'26"/86°32'28"	FH	18
Indian Creek near Madison	Madison	03575830	34°41'50"/86°42'00"	FH	18
Fagan Creek at Adams Street at Huntsville	Madison	0357586650	34°43'21"/86°34'30"	FH	18
W Fork Pinhook Creek at Blue Springs at Huntsville	Madison	0357587090	34°47'18"/86°35'55"	FH	18
E Fork Pinhook Creek, Winchester Road at Huntsville	Madison	0357587140	34°47'34"/86°35'21"	FH	18
Pinhook Creek at Mastin Lake Road at Huntsville	Madison	0357587400	34°46'17"/86°35'32"	FH	18
Dallas Branch at Huntsville	Madison	0357587728	34°44'44"/86°34'27"	FH	18
Pinhook Creek at Huntsville	Madison	03575890	34°43'39"/86°35'36"	FH	18
Brogan Branch at Oakwood Ave at Huntsville	Madison	0357591500	34°44'58"/86°37'31"	FH	18
Brogan Branch at Huntsville	Madison	03575933	34°43'24"/86°36'06"	FH	18
Huntsville Spring Branch near Huntsville	Madison	03575950	34°41'24"/86°35'47"	FH	18
McDonald Creek near Huntsville	Madison	03575980	34°41'33"/86°37'39"	FH	18
Limestone Creek near Athens	Limestone	03576250	34°45'06"/86°49'24"	Q	18
Tennessee River at Decatur	Morgan	03577150	34°26'47"/86°58'26"	G	18
Wheeler Lake near Decatur	Lawrence	03586000	34°47'52"/87°22'51"	L	19
Big Nance Creek at Courtland	Lawrence	03586500	34°40'12"/87°19'02"	Q	19
Wilson Lake near Florence	Colbert	03589000	34°47'46"/87°37'27"	L	19
Tennessee River at Florence	Lauderdale	03589500	34°47'13"/87°40'12"	Q, G	19
Tennessee River at Smithsonia	Lauderdale	03590680	34°47'20"/87°53'10"	G	19

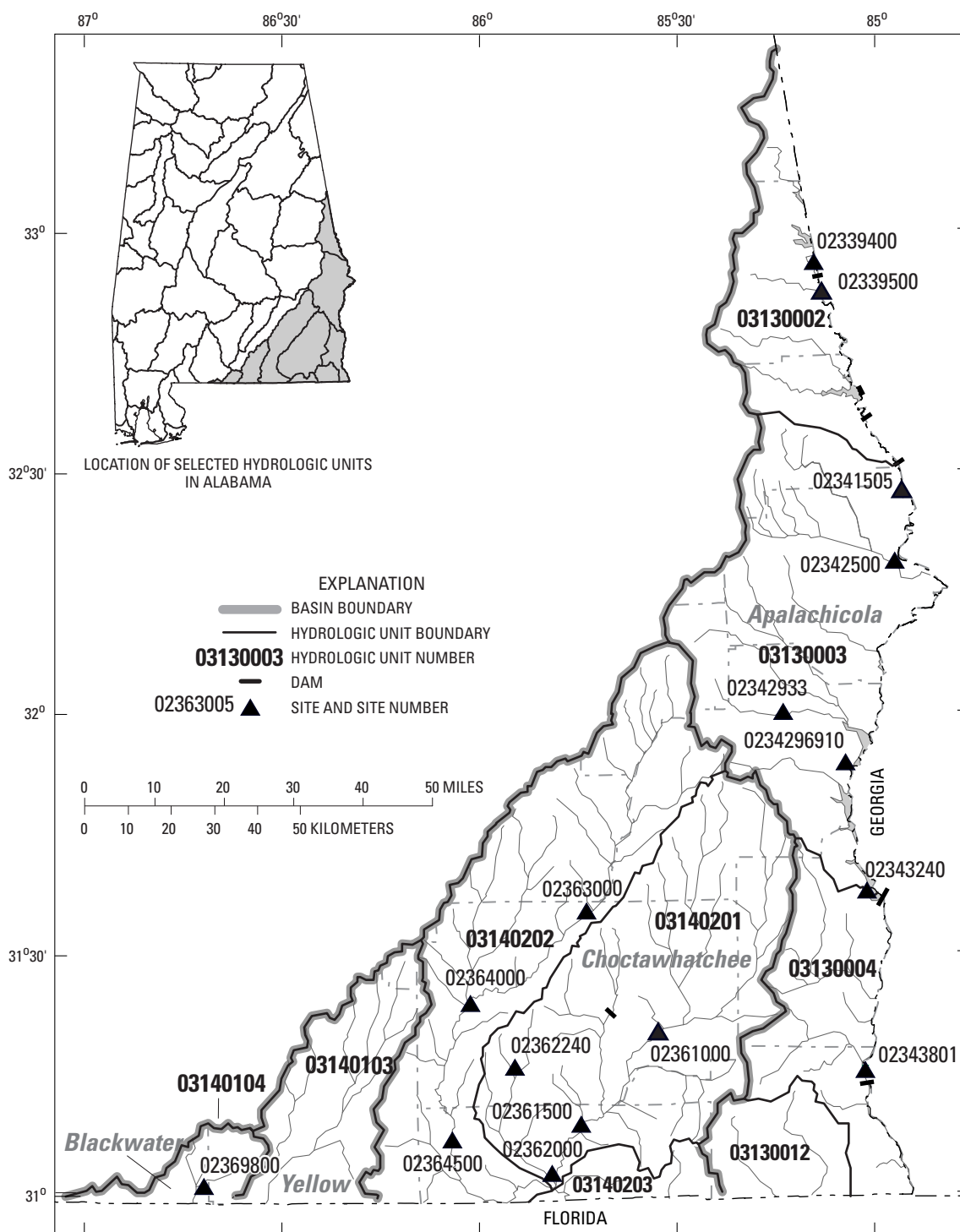


Figure 4. Location of surface-water stations in Apalachicola, Choctawhatchee, Yellow, and Blackwater River basins.

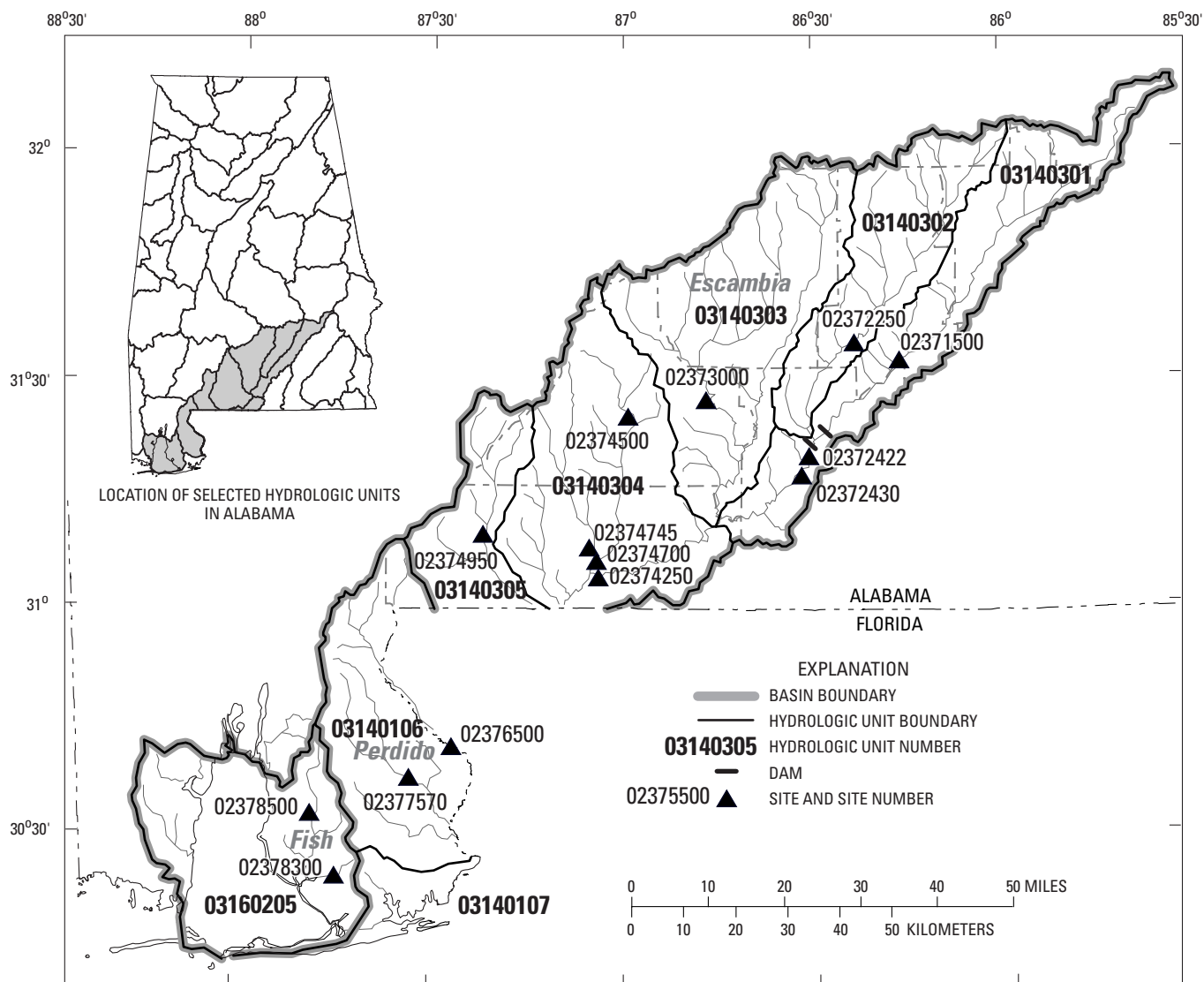


Figure 5. Location of surface-water stations in Escambia, Perdido, and Fish River basins.

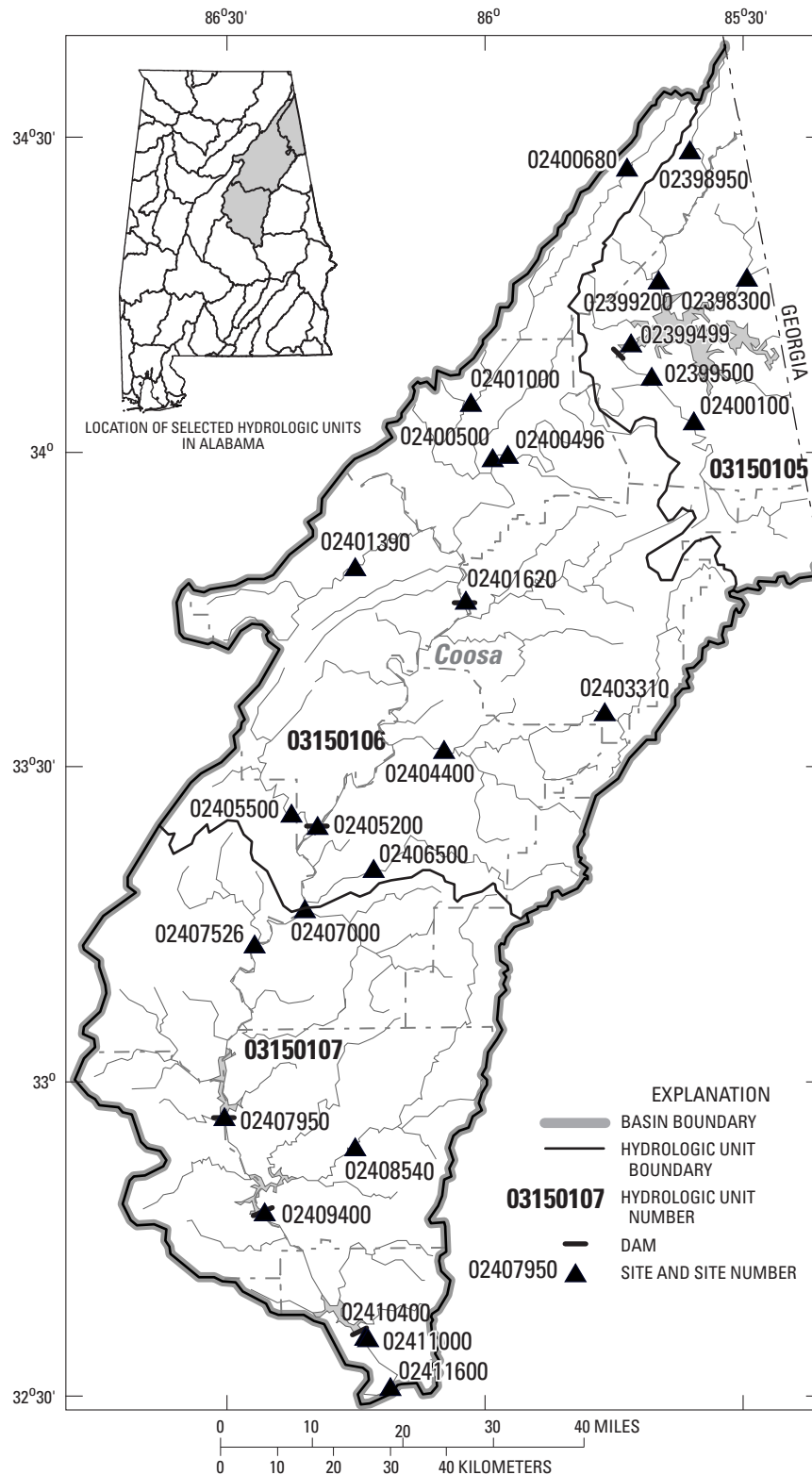


Figure 6. Location of surface-water stations in Coosa River basin.

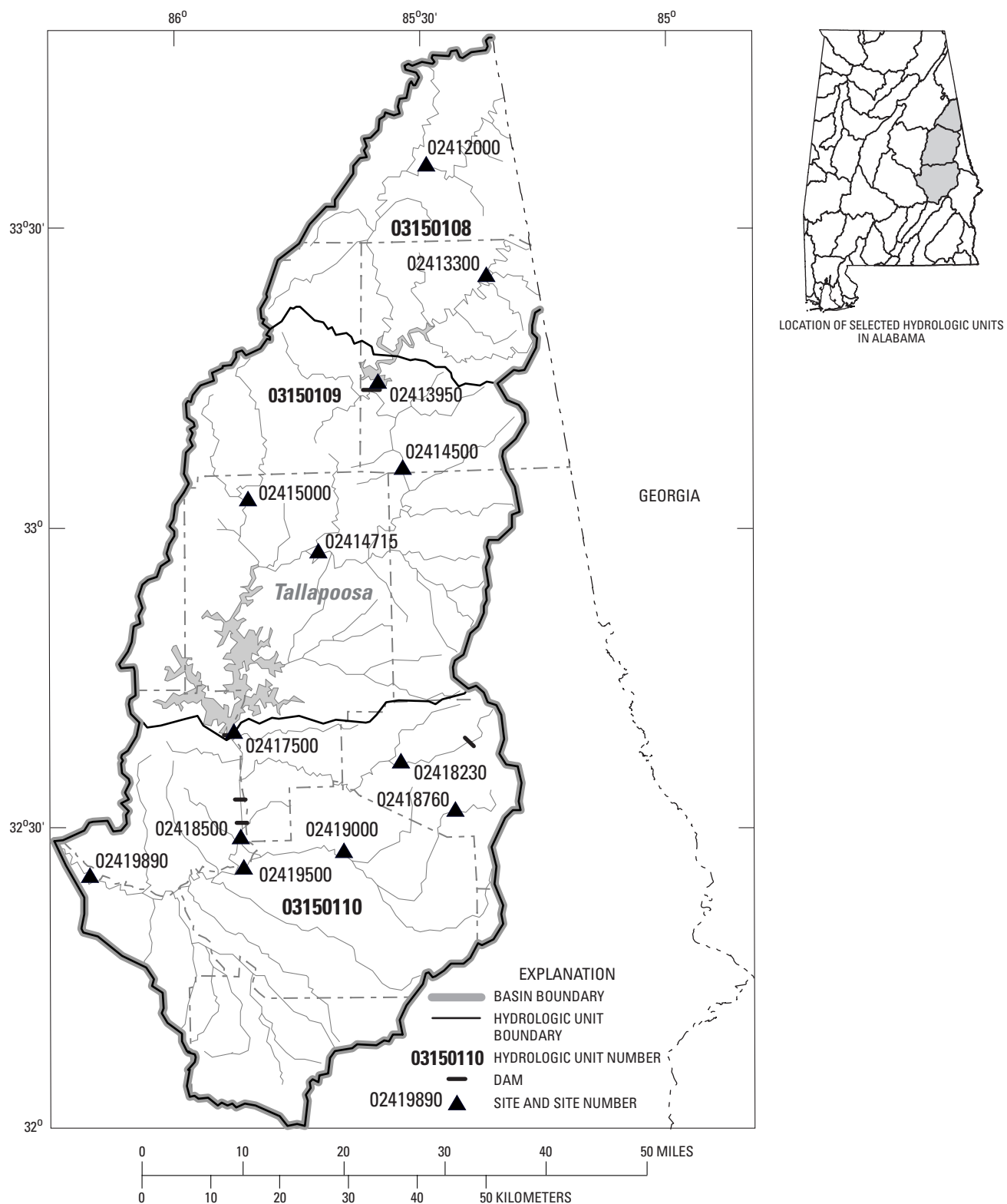


Figure 7. Location of surface-water stations in Tallapoosa River basin.

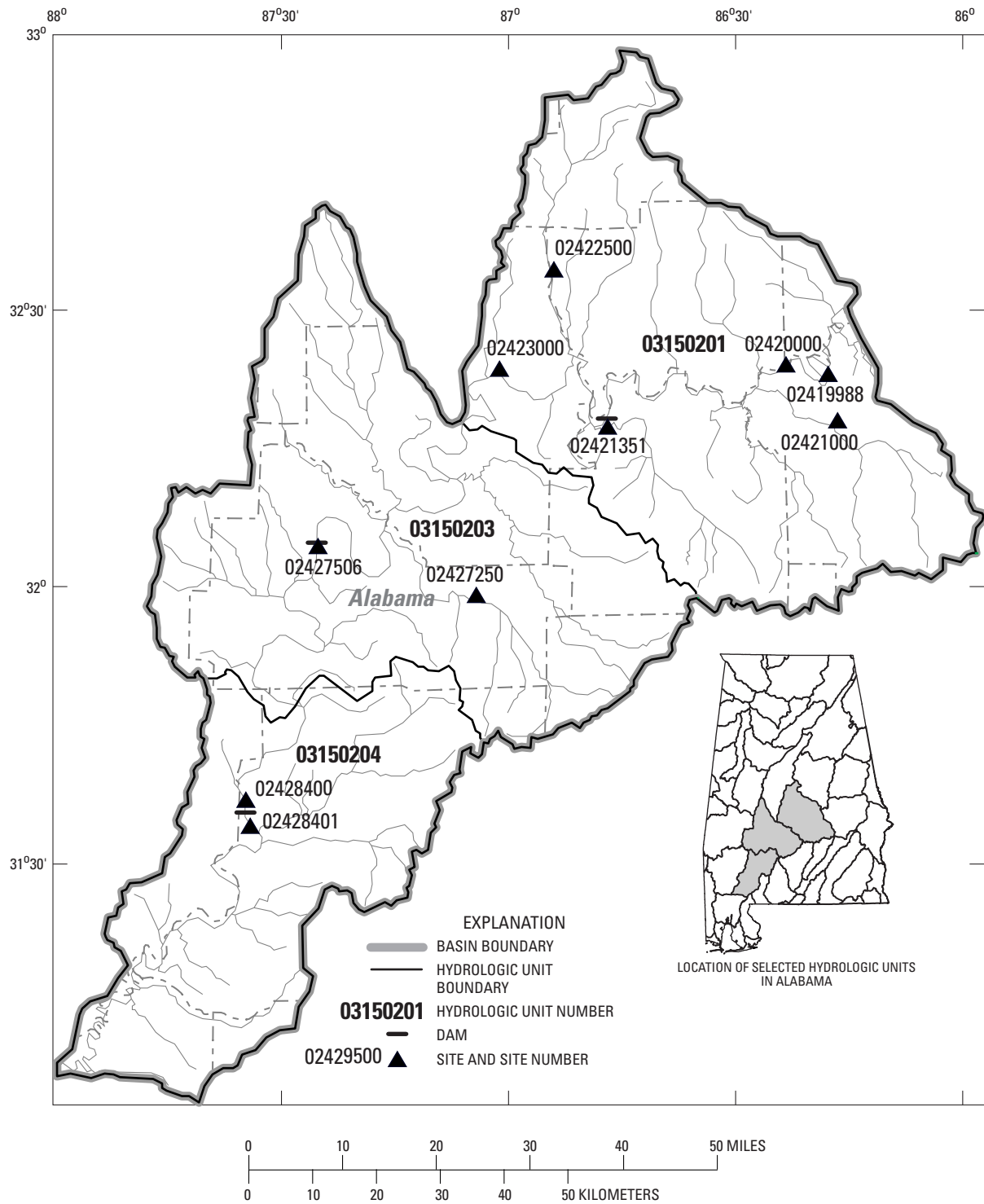


Figure 8. Location of surface-water stations in Alabama River basin.

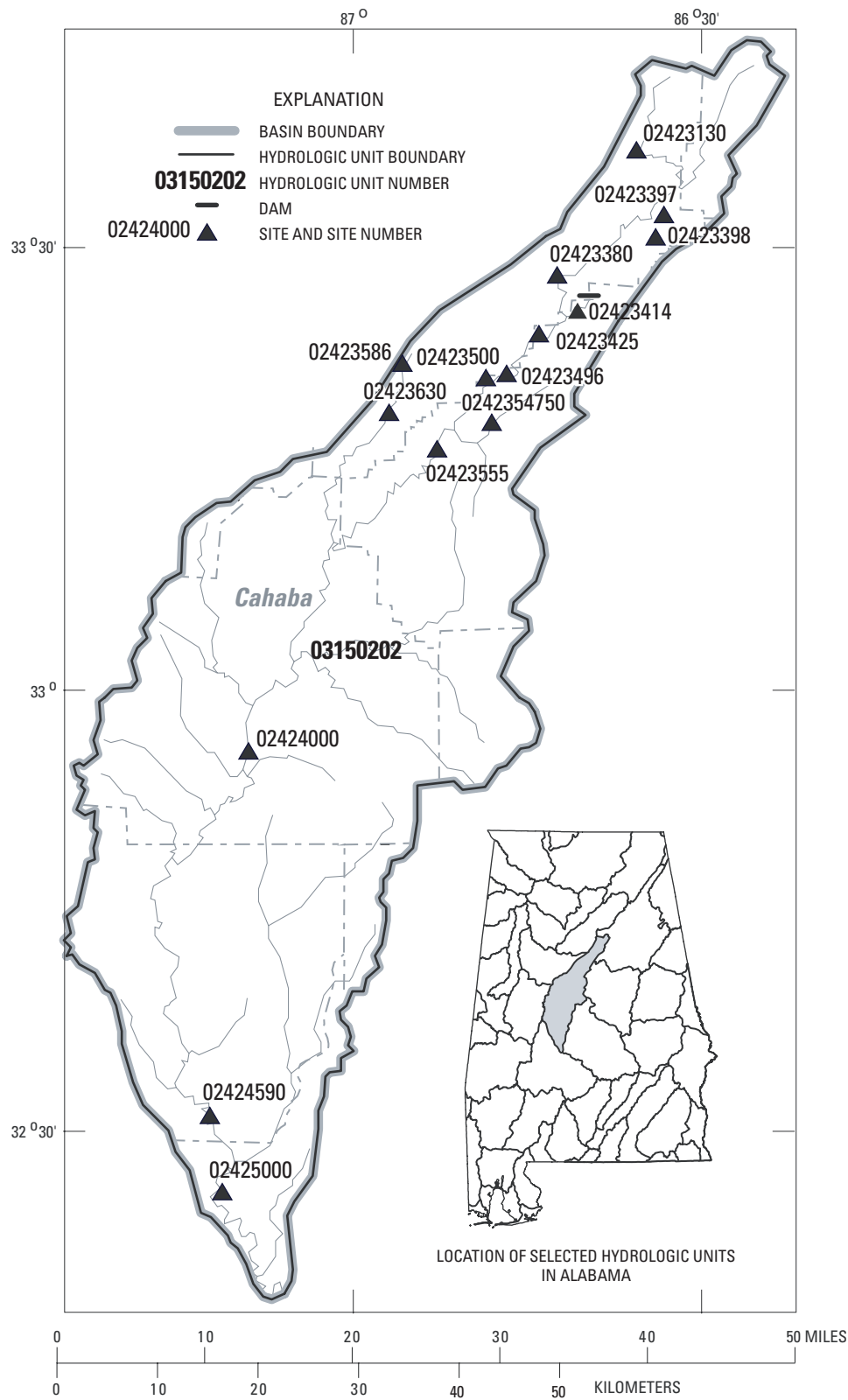


Figure 9. Location of surface-water stations in Cahaba River basin.

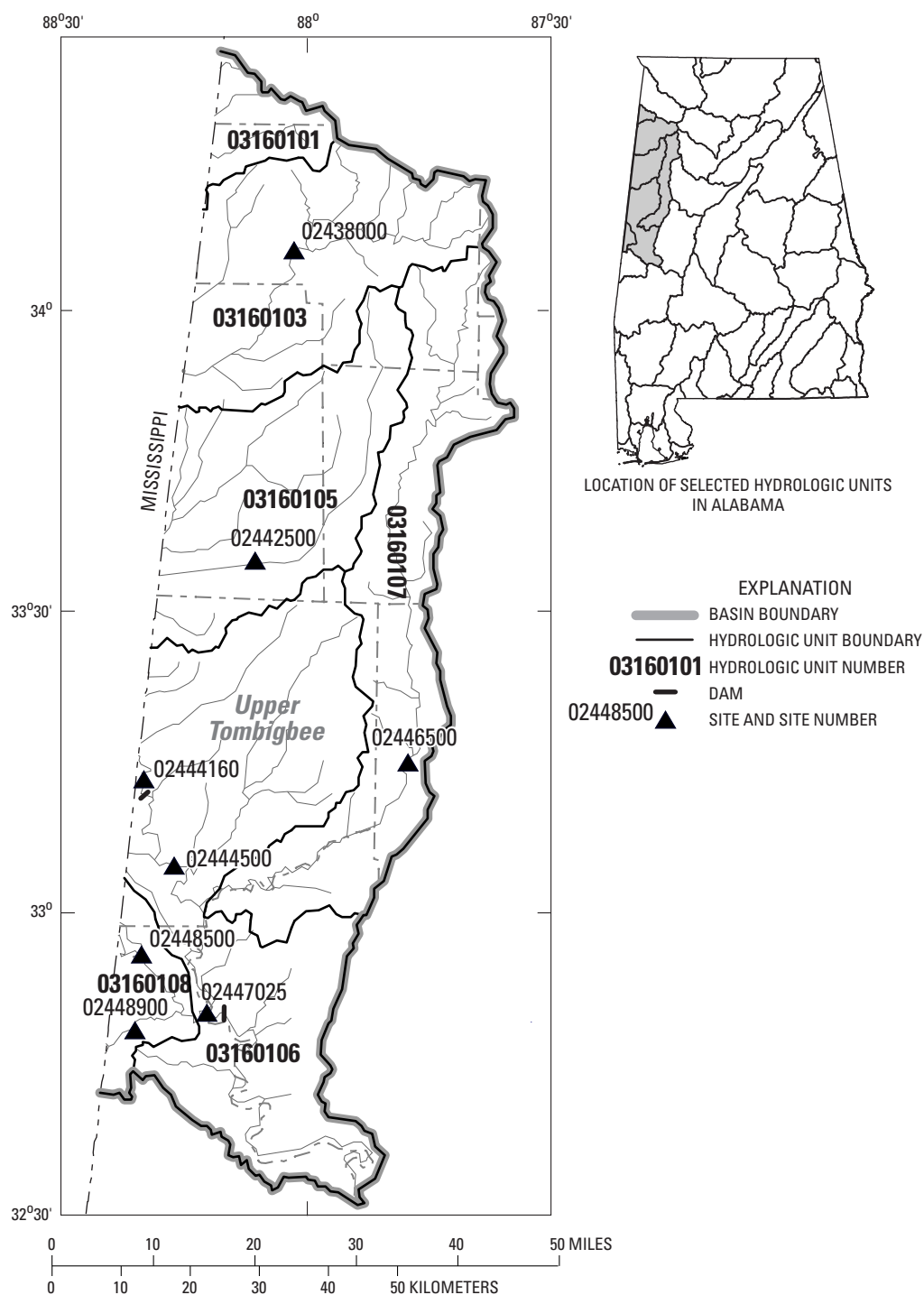


Figure 10. Location of surface-water stations in Upper Tombigbee River basin.

WATER RESOURCES DATA FOR ALABAMA, 2005

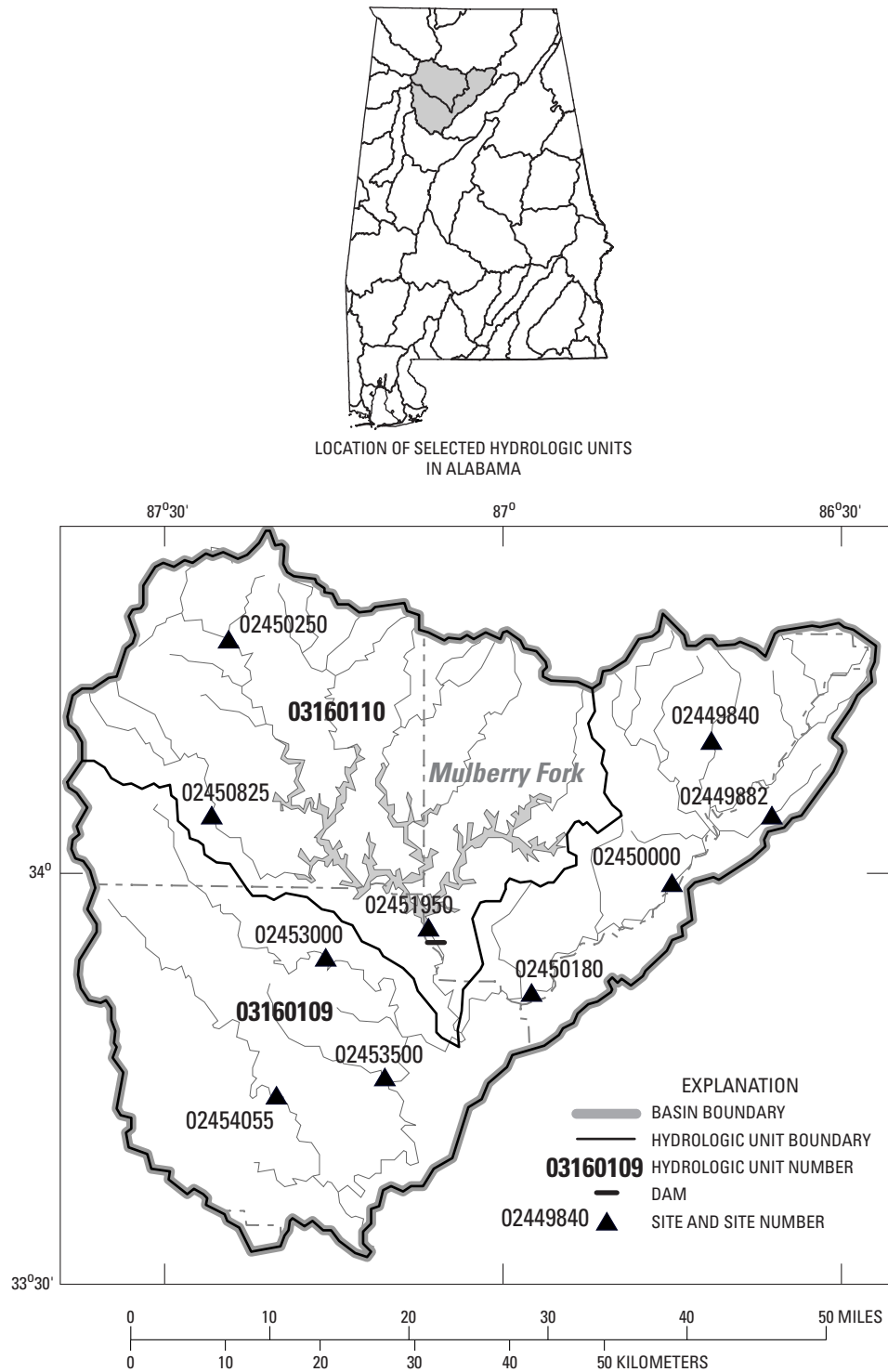


Figure 11. Location of surface-water stations in Mulberry Fork River basin.

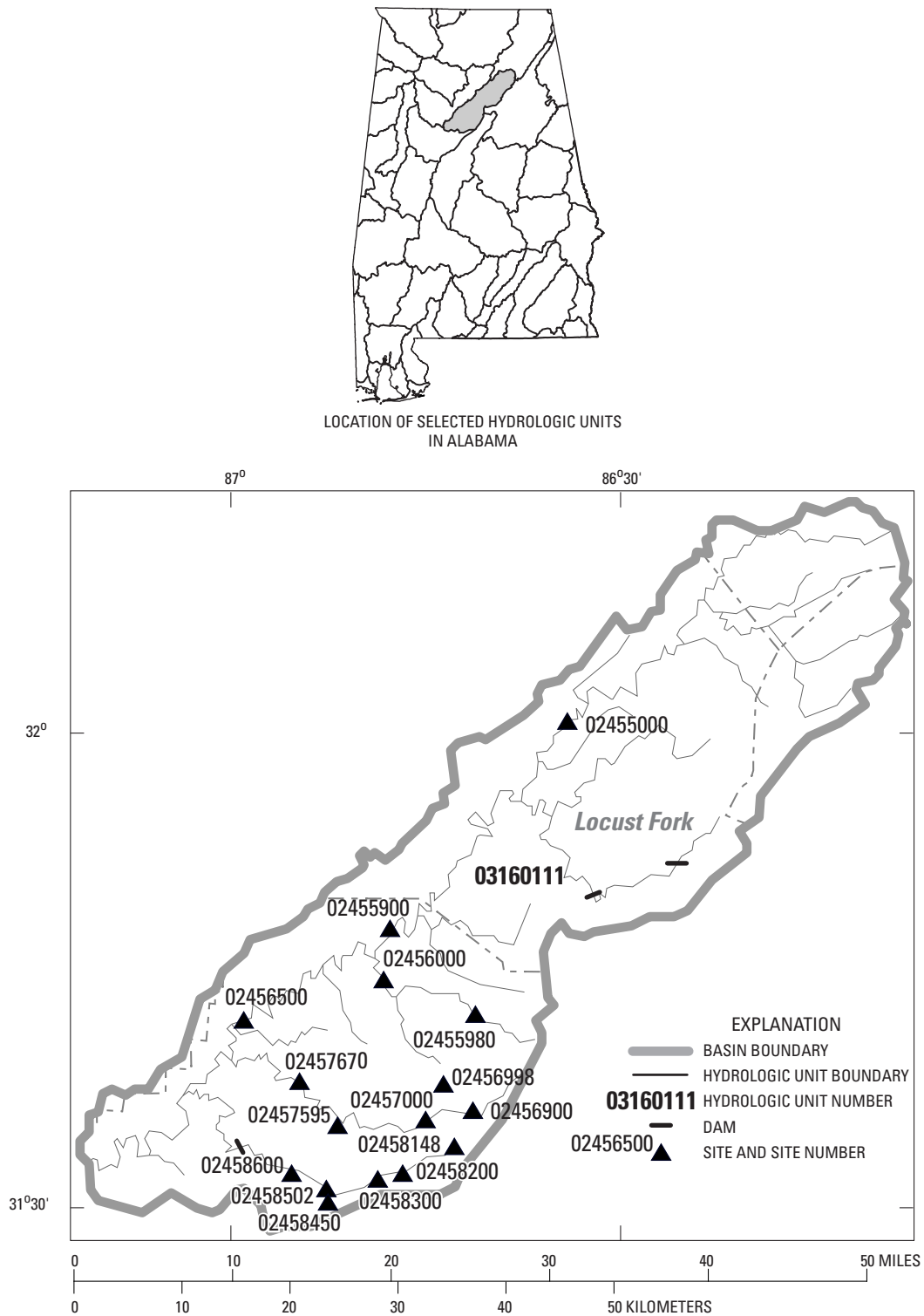


Figure 12. Location of surface-water stations in Locust Fork River basin.

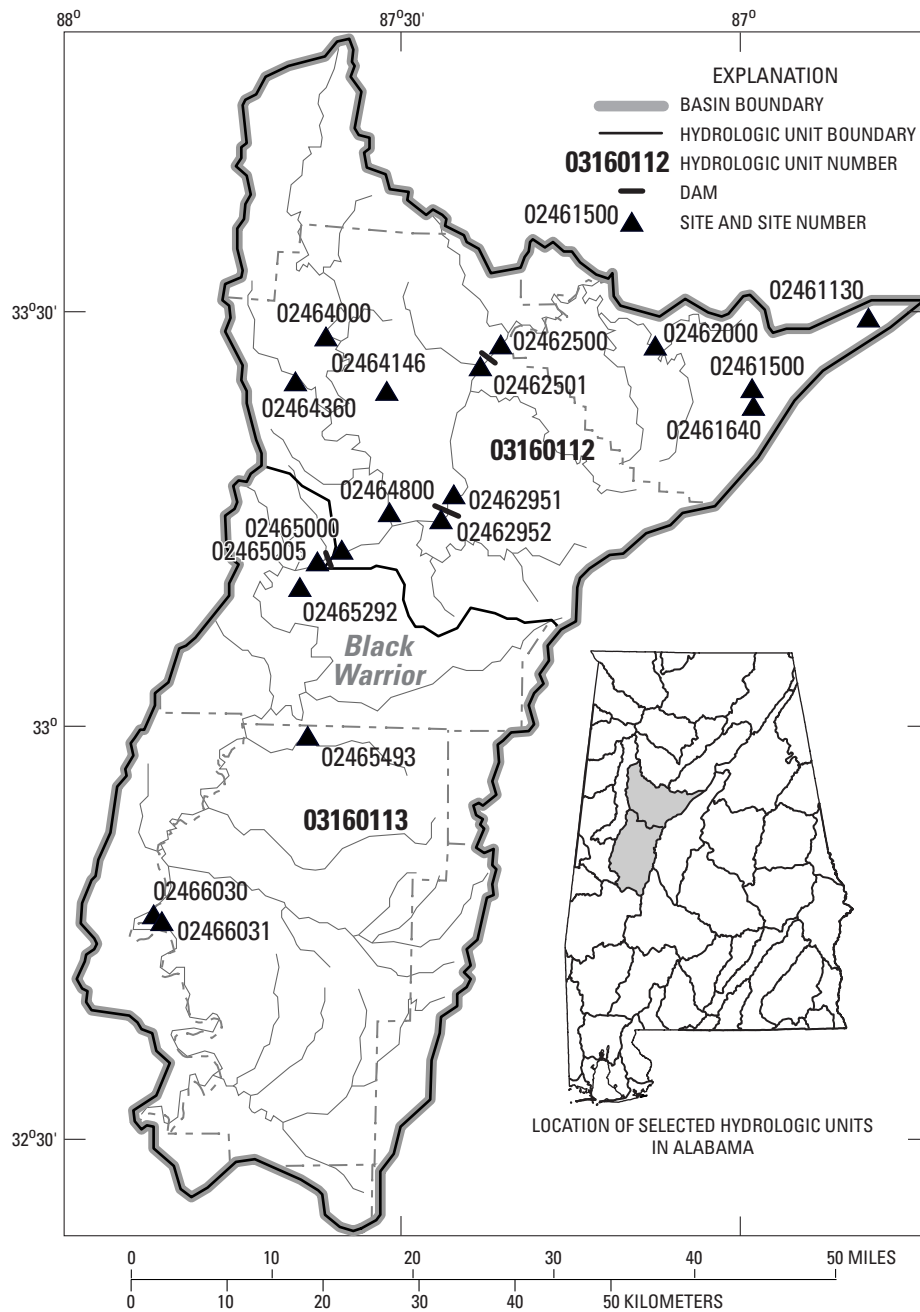


Figure 13. Location of surface-water stations in Black Warrior River basin.

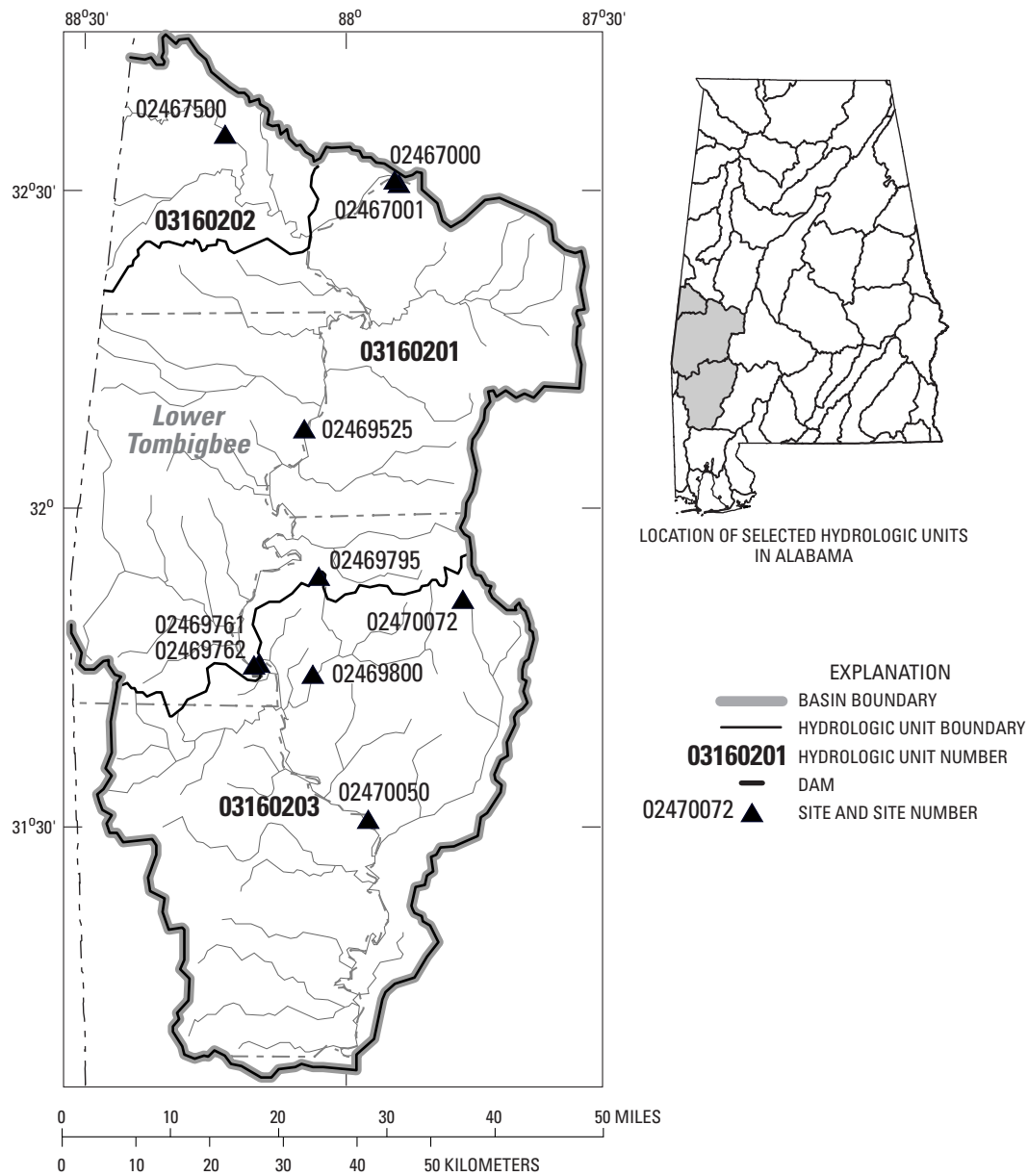


Figure 14. Location of surface-water stations in Lower Tombigbee River basin.

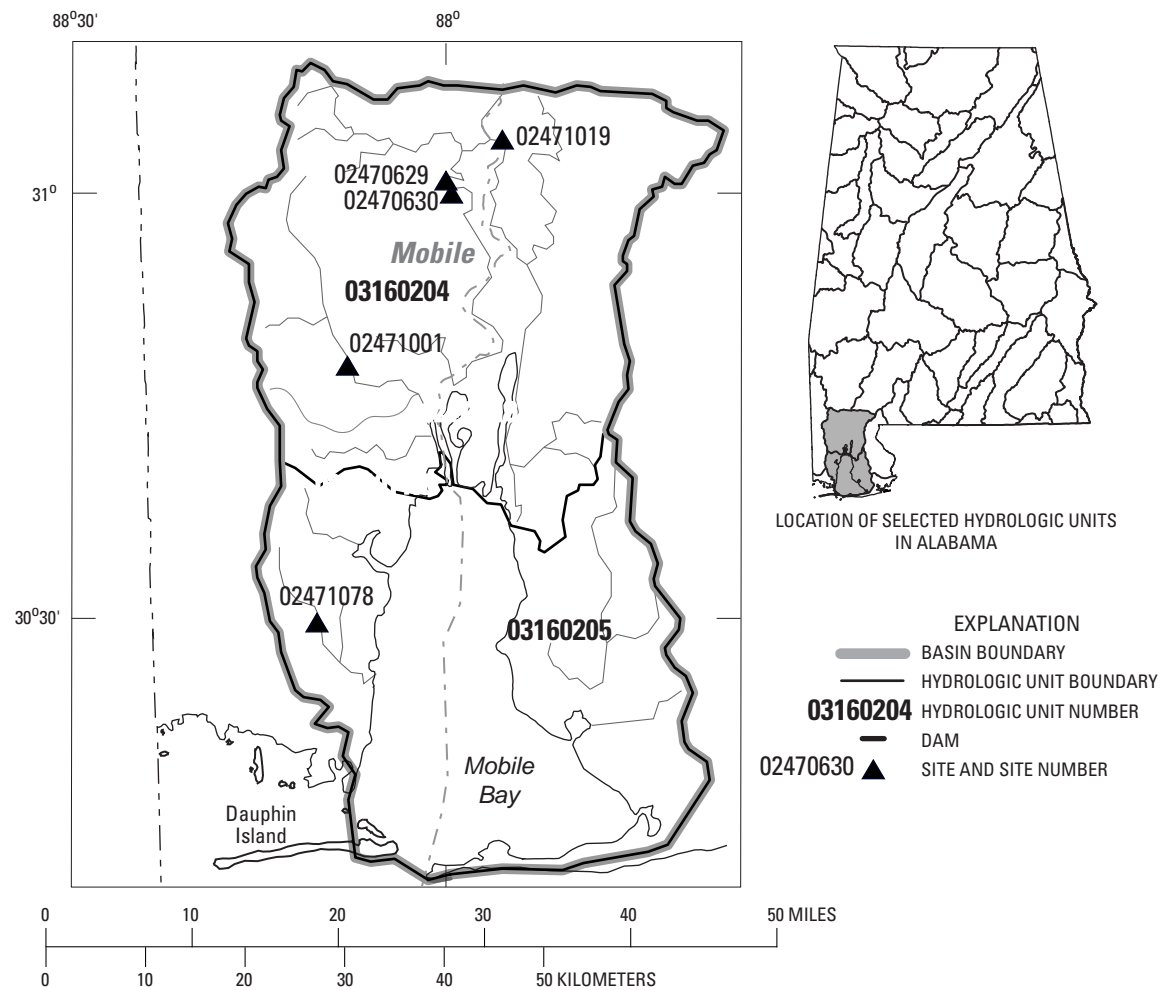


Figure 15. Location of surface-water stations in Mobile River basin.

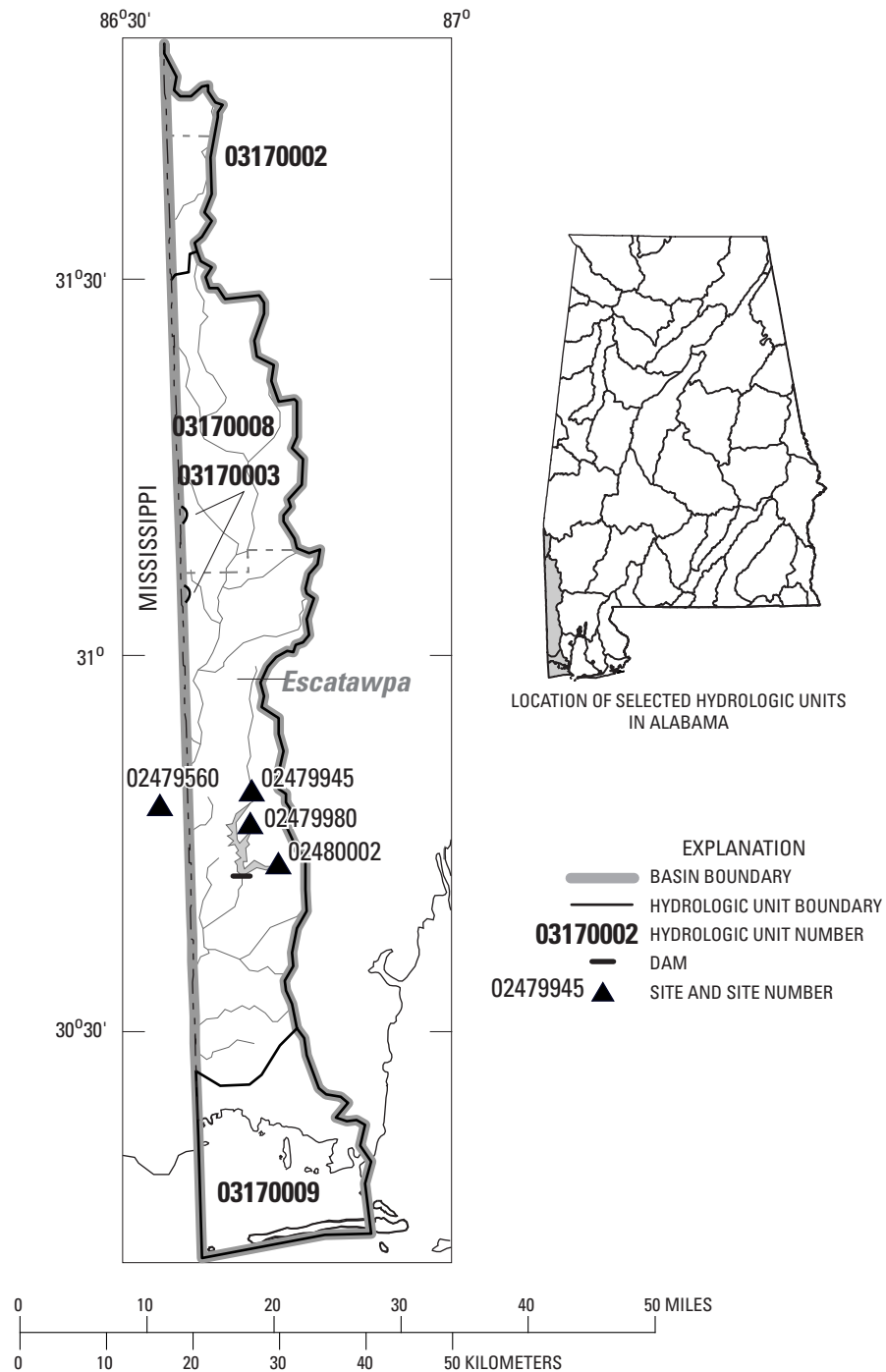


Figure 16. Location of surface-water stations in Escatawpa River basin.

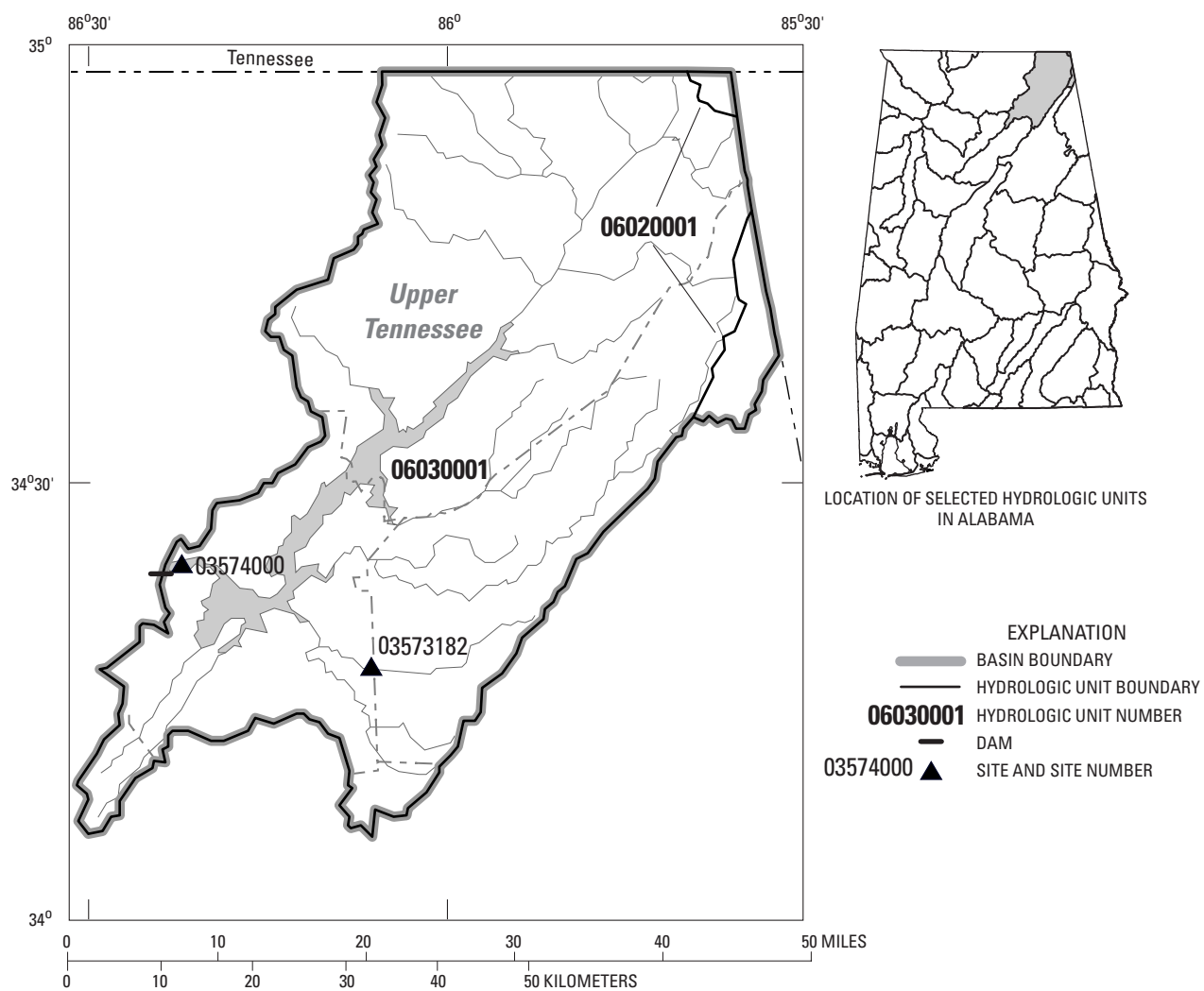


Figure 17. Location of surface-water stations in Upper Tennessee River basin.

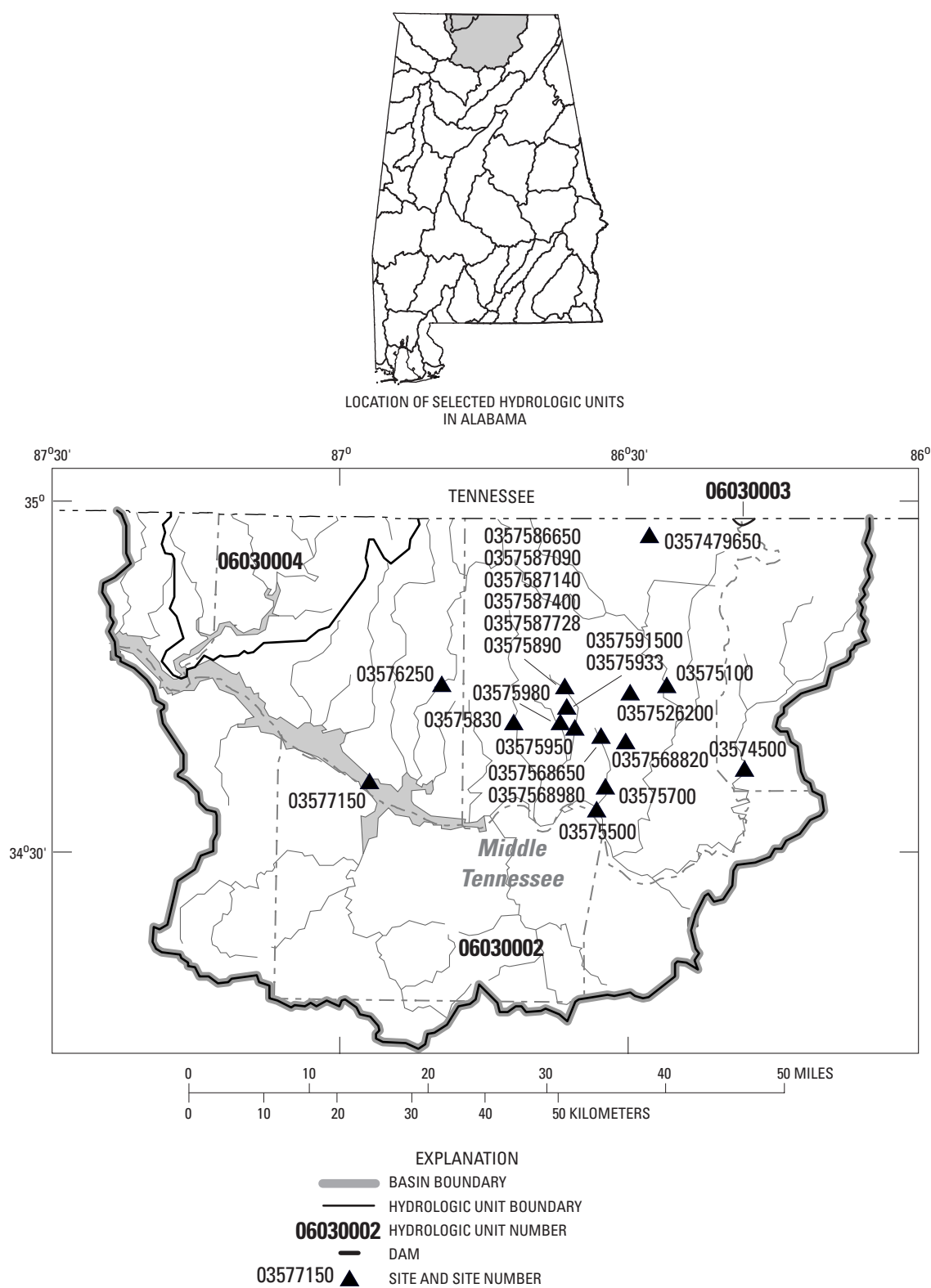


Figure 18. Location of surface-water stations in Middle Tennessee River basin.

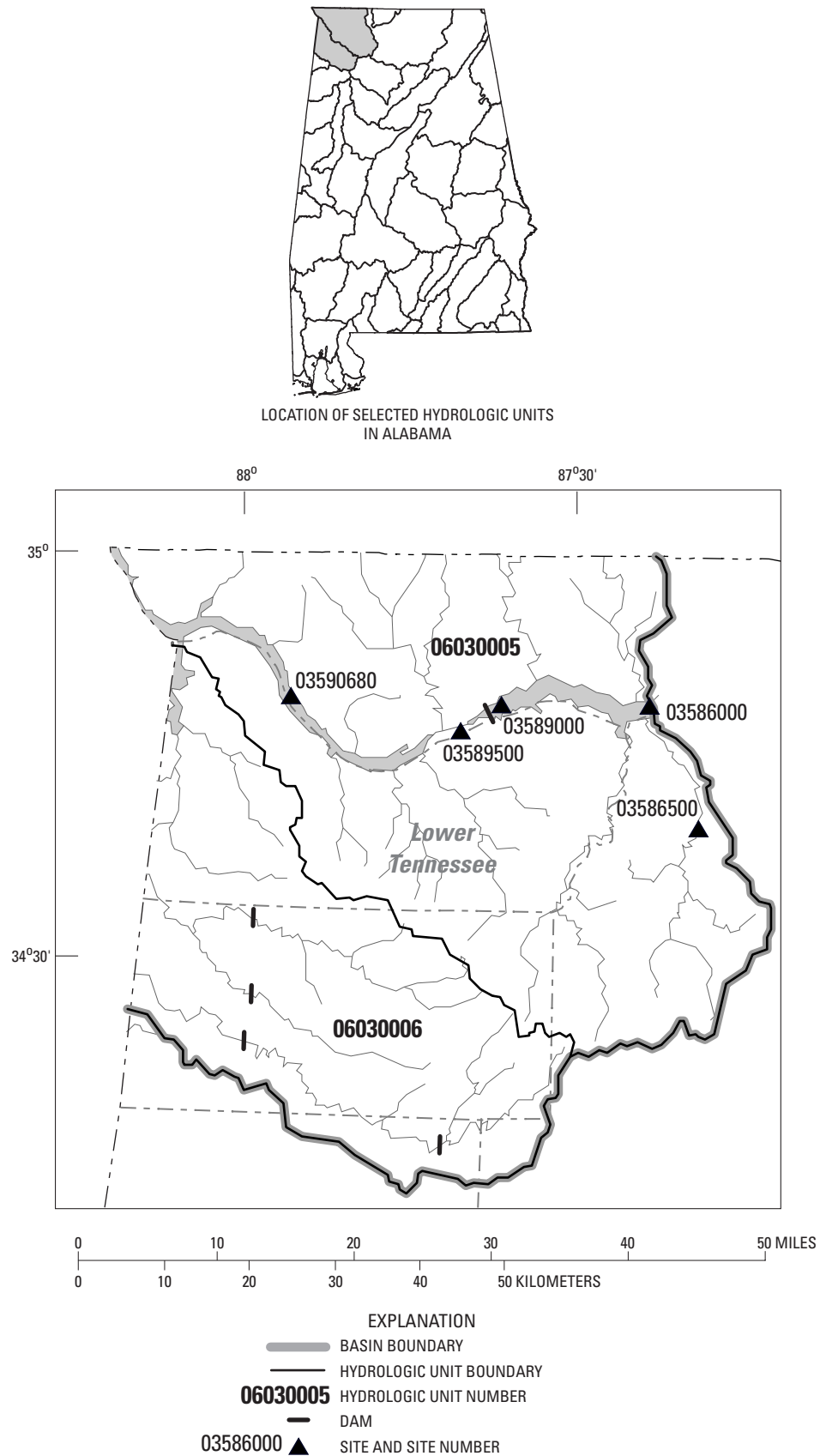


Figure 19. Location of surface-water stations in Lower Tennessee River basin.

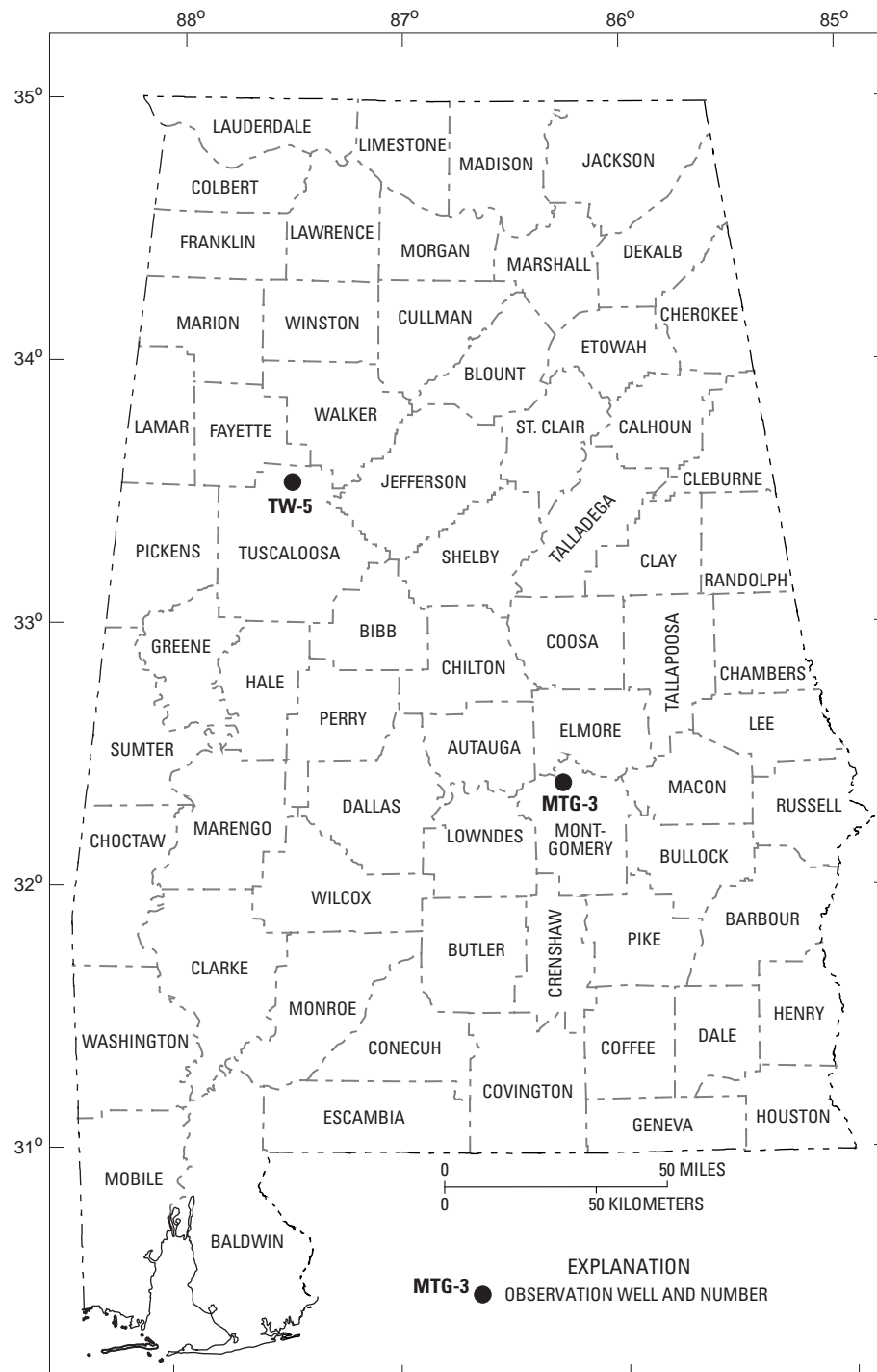


Figure 20. Location of observation wells.

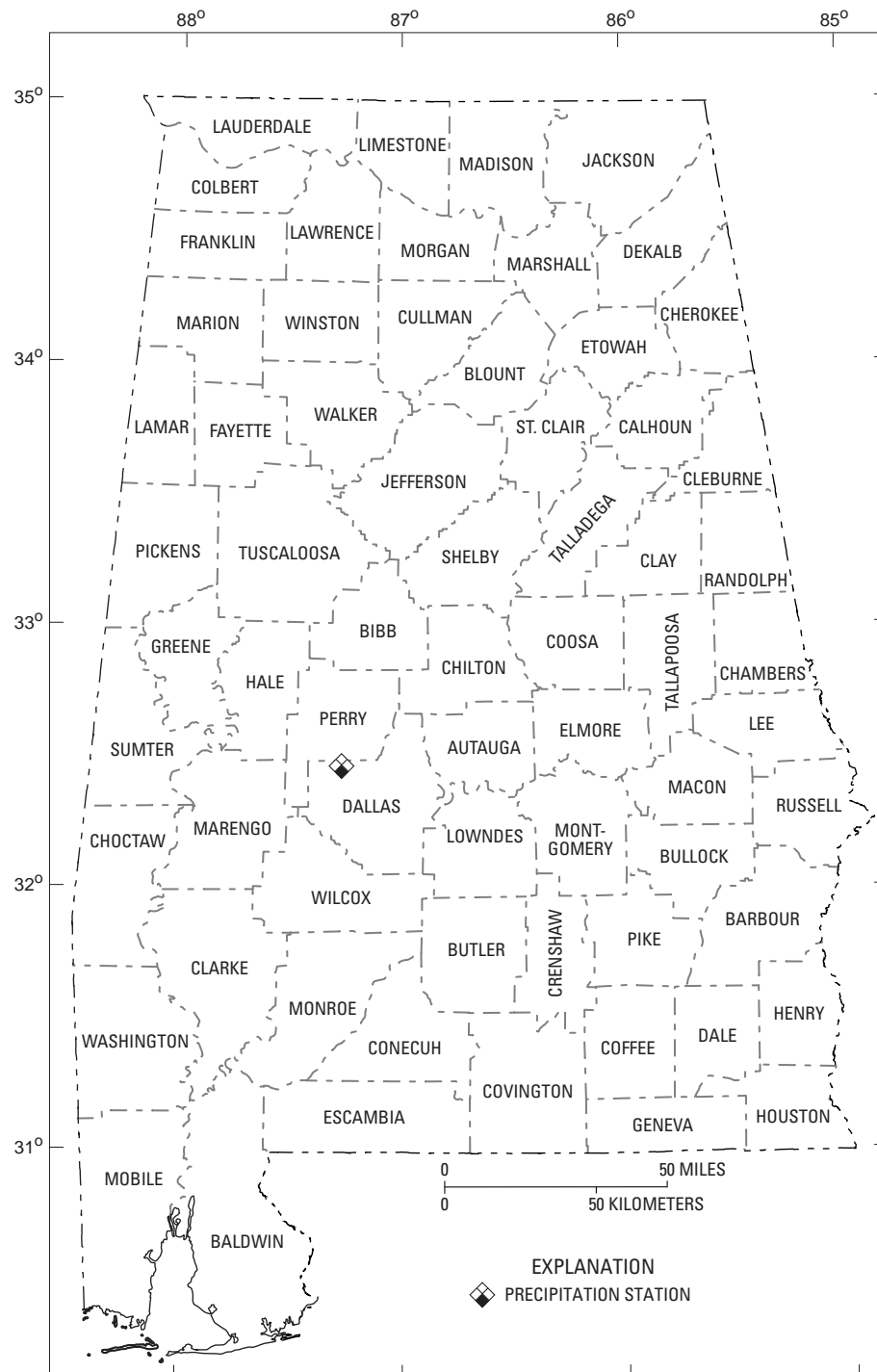


Figure 21. Location of water-quality precipitation station.

APALACHICOLA RIVER BASIN

02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA

LOCATION.--Lat 32°53'10", long 85°10'56", Troup County, Ga., Hydrologic Unit 03130002, on right bank just downstream from Oseligee Creek at West Point, 1 mi upstream from bridge on U.S. Highway 29, 2.5 mi downstream from West Point Dam and at mile 198.9.

DRAINAGE AREA.--3,550 mi², approximately.

PERIOD OF RECORD.--August 1896 to current year. Gage-height records collected at site 0.8 mi downstream since 1899 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 682: 1920, drainage area. WSP 972: 1931-32. WSP 1504: 1912, 1916-17.

GAGE.--Water-stage recorder. Datum of gage is 551.67 ft above NGVD of 1929. Prior to Oct. 20, 1912, nonrecording gage at site 0.8 mi downstream at datum 2.83 ft lower. Oct. 20, 1912, to Jan. 25, 1925, nonrecording gage at site 500 ft upstream at present datum.

REMARKS.--Estimated daily discharge: Oct. 10-11; Sep. 15-16. Records good. Flow regulated by Lake Sidney Lanier since January 1956 and by West Point Lake since October 1974.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known since at least 1827, that of Dec. 10, 1919. Flood in 1886 reached a stage of 25.6 ft at former site and datum, from floodmarks, by National Weather Service, discharge, 92,800 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 36,800 cfs, July 15; maximum gage-height recorded, 14.72 feet, July 15; minimum gage-height recorded, 1.54 feet, September 27; minimum daily discharge, 740 cfs, August 25.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15,000	1,950	7,810	7,980	8,990	14,500	28,500	8,500	5,240	3,390	5,320	7,840
2	10,400	2,570	7,850	7,020	9,050	14,400	25,200	8,130	5,510	2,420	5,870	5,390
3	7,260	9,660	7,850	7,010	7,650	13,700	21,100	6,960	8,520	2,270	8,070	2,580
4	7,510	16,400	7,880	5,280	6,770	8,970	20,700	5,340	4,230	4,510	5,540	2,530
5	4,490	11,800	7,940	3,420	2,550	9,000	20,500	5,020	3,880	5,070	5,180	4,890
6	3,880	4,650	8,000	3,210	2,050	7,410	18,300	4,560	4,200	5,700	3,930	4,950
7	4,110	4,610	8,040	4,520	6,650	6,730	14,500	4,010	4,260	22,300	3,920	4,120
8	4,190	5,170	8,000	5,020	9,000	6,640	10,600	4,020	5,000	30,500	5,290	3,450
9	2,680	6,700	8,060	5,030	9,190	8,550	6,940	4,030	6,840	30,800	8,390	2,840
10	e2,600	6,430	9,680	4,050	9,250	8,580	5,510	4,710	9,830	18,100	10,100	1,840
11	e5,000	6,500	11,000	5,040	8,530	5,960	6,110	5,120	14,300	24,200	14,000	3,040
12	5,130	6,750	11,000	5,710	4,000	5,250	8,460	5,140	10,800	29,600	14,800	4,010
13	5,120	2,700	10,900	6,880	3,040	5,170	8,570	4,380	3,580	32,500	13,100	4,330
14	3,520	3,180	10,900	9,050	7,150	6,790	6,000	3,130	5,760	35,900	8,420	5,560
15	3,480	5,430	11,000	9,060	7,030	9,220	5,370	3,100	6,710	36,500	15,300	e1,600
16	803	4,730	11,000	6,980	7,100	9,410	3,310	4,530	7,250	35,600	11,900	e3,000
17	3,860	6,240	9,740	6,240	6,700	9,380	3,310	4,430	7,130	23,000	8,570	3,010
18	4,840	4,990	9,290	6,590	5,940	7,850	6,360	5,380	7,120	15,200	8,400	2,460
19	3,810	4,440	9,260	6,590	3,140	4,670	6,630	5,440	6,960	10,800	8,270	4,220
20	3,140	4,710	9,060	6,870	1,980	4,140	6,560	5,060	8,670	12,300	8,240	2,180
21	2,780	4,990	7,790	6,050	6,760	4,800	6,500	3,780	6,250	16,000	8,230	3,460
22	3,910	5,820	6,250	2,300	9,240	5,770	6,210	3,060	5,680	8,360	8,250	3,440
23	877	7,520	8,930	3,600	9,110	7,480	5,390	3,950	5,630	8,310	8,290	3,820
24	852	12,300	12,200	6,240	9,310	10,600	5,280	3,960	5,760	6,580	4,580	2,280
25	1,720	15,000	13,300	5,910	9,230	13,400	5,600	4,230	5,380	6,000	740	2,320
26	1,870	15,700	13,100	4,700	8,960	16,100	6,290	3,950	4,270	5,110	4,080	3,720
27	1,870	15,500	13,100	4,910	8,930	14,500	8,660	3,570	5,470	5,090	8,150	4,800
28	1,890	15,400	10,700	5,030	12,000	13,400	8,640	4,220	3,970	5,150	7,830	4,630
29	1,910	14,100	10,600	4,150	---	26,800	8,590	2,980	3,420	5,400	4,420	4,830
30	1,940	9,960	9,250	2,530	---	26,000	4,870	2,900	3,560	6,180	4,190	4,590
31	1,930	---	8,150	6,940	---	26,900	---	3,540	---	5,470	6,610	---
TOTAL	122,372	235,900	297,630	173,910	199,300	332,070	298,560	141,130	185,180	458,310	237,980	111,730
MEAN	3,947	7,863	9,601	5,610	7,118	10,710	9,952	4,553	6,173	14,780	7,677	3,724
MAX	15,000	16,400	13,300	9,060	12,000	26,900	28,500	8,500	14,300	36,500	15,300	7,840
MIN	803	1,950	6,250	2,300	1,980	4,140	3,310	2,900	3,420	2,270	740	1,600
CFSM	1.11	2.22	2.70	1.58	2.01	3.02	2.80	1.28	1.74	4.16	2.16	1.05
IN.	1.28	2.47	3.12	1.82	2.09	3.48	3.13	1.48	1.94	4.80	2.49	1.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1976	3,681	8,536	(1990)	1,584	(1999)
1977	4,663	10,950	(1993)	1,816	(2000)
1978	5,608	14,880	(1993)	1,867	(1982)
1979	6,197	13,730	(1993)	2,170	(1986)
1980	7,835	18,980	(1990)	2,766	(1989)
1981	8,121	19,540	(1990)	1,921	(1988)
1982	6,628	16,480	(1979)	1,961	(1988)
1983	5,172	17,380	(2003)	1,423	(1999)
1984	4,627	13,630	(2003)	1,807	(1978)
1985	4,745	14,780	(2005)	1,672	(1988)
1986	4,545	8,890	(1984)	1,585	(1986)
1987	4,025	8,965	(2004)	1,606	(1986)

APALACHICOLA RIVER BASIN

02339500 CHATTAHOOCHEE RIVER AT WEST POINT, GA--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1976 - 2005	
ANNUAL TOTAL	1,883,752		2,794,072		5,475	
ANNUAL MEAN	5,147		7,655		8,501	1990
HIGHEST ANNUAL MEAN					2,644	1988
LOWEST ANNUAL MEAN					66,600	May 9, 2003
HIGHEST DAILY MEAN	22,300	Sept. 17	36,500	Jul 15	516	Sep 12, 1993
LOWEST DAILY MEAN	803	Oct. 16	740	Aug. 25	778	Jul 31, 1978
ANNUAL SEVEN-DAY MINIMUM	1,570	Oct. 23	1,570	Oct. 23	94,400	Feb 26, 1961
MAXIMUM PEAK FLOW			36,800	Jul. 15	24.90	Feb 26, 1961
MAXIMUM PEAK STAGE			14.72	Jul. 15	1.54	
ANNUAL RUNOFF (CFSM)	1.45		2.16		20.95	
ANNUAL RUNOFF (INCHES)	19.74		29.28			
10 PERCENT EXCEEDS	9,700		14,200		10,400	
50 PERCENT EXCEEDS	3,980		6,180		4,470	
90 PERCENT EXCEEDS	2,030		3,010		854	

e Estimated

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.39	3.15	5.85	5.91	6.30	8.22	12.59	6.21	4.70	3.56	4.64	5.81
2	6.76	3.48	5.86	5.52	6.32	8.20	11.62	6.08	4.84	3.10	4.84	4.65
3	5.62	6.29	5.86	5.51	5.69	7.94	10.37	5.61	6.24	3.03	5.91	3.21
4	5.72	8.85	5.88	4.75	5.31	6.29	10.23	4.92	4.22	4.08	4.74	3.17
5	4.23	7.23	5.90	3.91	3.34	6.30	10.18	4.78	4.04	4.35	4.56	4.34
6	3.92	4.35	5.92	3.80	3.08	5.60	9.49	4.58	4.22	4.64	3.91	4.39
7	4.03	4.33	5.94	4.42	5.22	5.28	8.26	4.32	4.21	10.62	3.90	3.99
8	4.07	4.60	5.93	4.65	6.31	5.23	6.98	4.32	4.58	13.11	4.57	3.64
9	3.33	5.31	5.95	4.66	6.37	6.10	5.52	4.33	5.46	13.19	6.05	3.34
10	---	5.18	6.54	4.17	6.39	6.13	4.84	4.64	6.35	9.38	6.67	2.81
11	---	5.20	7.02	4.66	6.08	4.94	5.11	4.83	8.11	11.35	8.04	3.43
12	4.53	5.29	7.01	4.96	4.00	4.60	6.21	4.84	6.82	12.87	8.32	3.90
13	4.53	3.44	7.00	5.45	3.54	4.56	6.25	4.43	3.70	13.62	7.70	4.06
14	3.78	3.64	7.00	6.32	5.46	5.27	5.07	3.66	4.69	14.52	6.06	4.74
15	3.77	4.71	7.01	6.32	5.42	6.38	4.77	3.63	5.11	14.66	8.49	---
16	2.35	4.38	7.00	5.39	5.44	6.45	3.79	4.35	5.40	14.42	7.31	---
17	3.90	5.10	6.57	5.05	5.27	6.44	3.80	4.29	5.34	10.86	6.12	3.43
18	4.42	4.50	6.41	5.21	4.92	5.78	5.22	4.75	5.36	8.40	6.05	3.13
19	3.92	4.24	6.40	5.21	3.60	4.36	5.37	4.78	5.28	6.91	6.00	4.04
20	3.62	4.34	6.32	5.35	3.03	4.10	5.33	4.57	6.03	7.42	5.99	3.04
21	3.41	4.51	5.81	4.98	5.25	4.41	5.31	4.01	4.92	8.70	5.98	3.78
22	3.94	4.88	5.19	3.19	6.39	4.85	5.17	3.62	4.65	6.04	6.00	3.76
23	2.43	5.53	6.23	3.82	6.34	5.60	4.78	4.06	4.62	6.02	6.01	3.97
24	2.41	7.47	7.42	5.08	6.42	6.89	4.71	4.04	4.68	5.22	4.20	3.12
25	2.99	8.39	7.81	4.91	6.39	7.86	4.86	4.20	4.53	4.93	2.26	3.13
26	3.11	8.62	7.77	4.34	6.29	8.76	5.17	4.05	4.02	4.49	3.94	3.94
27	3.11	8.55	7.75	4.45	6.28	8.23	6.29	3.85	4.53	4.48	5.95	4.52
28	3.12	8.53	6.92	4.52	7.36	7.84	6.28	4.20	3.84	4.50	5.81	4.46
29	3.13	8.07	6.87	4.11	---	12.11	6.26	3.58	3.61	4.61	4.14	4.53
30	3.15	6.63	6.39	3.34	---	11.88	4.52	3.51	3.66	5.03	4.03	4.39
31	3.14	---	5.98	5.36	---	12.13	---	3.88	---	4.71	5.27	---
MEAN	---	5.63	6.50	4.82	5.42	6.73	6.48	4.42	4.93	7.83	5.60	---
MAX	---	8.85	7.81	6.32	7.36	12.13	12.59	6.21	8.11	14.66	8.49	---
MIN	---	3.15	5.19	3.19	3.03	4.10	3.79	3.51	3.61	3.03	2.26	---

APALACHICOLA RIVER BASIN

02341505 CHATTAHOOCHEE RIVER AT GA 280, NEAR COLUMBUS, GA

LOCATION.--Lat 32°27'11", long 84°59'43" referenced to North American Datum (NAD) of 1927, Muscogee County, Hydrologic Unit 03130003, on downstream side of bridge on U.S. Highway 280.

DRAINAGE AREA.--4,670 mi², approximately.

COOPERATION.--U.S. Army Corps of Engineers, Mobile District.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--January 18, 2002 to current year.

GAGE.--Satellite telemetry with a water-stage recorder and an acoustic velocity meter. Datum of gage is 183.14 feet above NGVD of 1929.

REMARKS.--Estimated daily discharge: July 10 - Aug. 17. Discharge records fair, except for days of estimated discharge, which are poor. Gage-height records good. Water velocity records fair. Water velocity data represent water velocity at the downstream cross-section of the bridge with positive values in the downstream direction. Flow regulated by Lake Sidney Lanier since January 1956, West Point Lake since October 1974, and by Lake Harding since 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge recorded, 150,000 cfs, May 9, 2003; maximum gage-height recorded, 39.95 feet, May 9, 2003; minimum daily discharge, 1,070 cfs, November 17, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 80,100 cfs, March 31; maximum gage-height recorded, 29.82 feet, April 1; minimum gage-height recorded, 4.10 feet, September 16; minimum daily discharge, 1650 cfs, October 30.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17,600	1,820	11,200	9,650	9,340	18,800	61,800	10,700	10,200	4,280	e9,880	6,610
2	13,200	2,700	10,100	8,110	11,500	14,100	43,800	11,300	12,200	4,180	e10,900	8,600
3	9,560	4,910	9,300	8,310	12,800	15,600	23,500	11,800	11,500	3,810	e9,000	6,230
4	7,970	17,800	9,850	5,560	10,000	13,000	21,900	8,560	7,510	5,260	e8,300	3,030
5	6,760	16,400	9,780	3,860	5,960	8,810	22,800	4,400	5,270	5,520	e7,060	4,120
6	5,800	6,770	9,020	3,870	4,490	10,300	20,500	2,880	6,030	6,900	e7,060	4,000
7	4,800	4,140	9,420	4,830	7,940	7,690	20,700	3,900	6,300	18,100	e7,590	5,610
8	5,520	5,910	10,500	6,680	9,800	8,470	16,200	5,210	7,480	33,400	e9,880	4,780
9	3,700	6,930	9,340	6,490	11,300	9,990	10,900	4,650	8,250	32,000	e10,900	5,390
10	4,820	6,950	10,400	5,490	13,300	11,400	8,880	5,000	13,000	e33,800	e12,300	3,360
11	3,260	6,800	11,700	4,410	12,700	6,970	8,330	6,200	18,100	e35,600	e12,500	3,310
12	4,990	7,830	11,900	6,160	6,800	6,490	10,800	5,760	15,800	e35,600	e13,200	3,650
13	6,970	5,240	12,100	7,820	5,400	5,800	10,800	5,080	10,100	e35,600	e13,400	4,650
14	6,410	4,510	12,600	12,000	7,830	7,340	7,450	4,830	7,030	e35,200	e12,900	5,010
15	5,130	6,880	11,600	12,300	8,680	10,300	7,380	4,850	7,970	e35,600	e11,800	4,570
16	2,320	6,420	12,200	10,300	8,680	14,200	4,500	5,600	7,990	e36,100	e10,100	5,140
17	3,370	6,620	11,600	8,400	8,700	13,000	5,070	5,650	9,960	e35,800	e10,100	3,860
18	4,300	6,390	11,300	7,980	7,840	9,480	6,010	4,430	8,180	e34,500	9,670	3,190
19	5,450	6,020	10,900	9,050	4,180	8,890	9,180	5,460	7,080	e22,900	10,100	4,460
20	7,790	5,950	10,100	6,590	3,330	4,410	7,040	5,380	8,710	e8,830	10,500	4,840
21	7,770	6,030	8,980	6,530	6,670	6,820	7,680	4,350	7,180	e11,500	10,200	4,110
22	5,640	6,150	8,750	4,670	10,600	8,050	7,570	3,680	4,330	e13,300	9,950	3,550
23	3,870	13,100	11,200	4,510	10,800	9,050	6,710	5,960	6,290	e11,500	10,900	2,880
24	2,160	22,100	14,000	10,200	12,000	11,100	6,650	6,230	5,890	e8,870	9,230	2,160
25	2,680	20,800	18,100	3,040	12,300	14,400	6,770	5,170	5,250	e6,890	3,550	3,380
26	3,110	20,900	13,600	6,460	12,000	16,100	7,830	5,480	5,110	e7,420	3,450	3,520
27	3,930	21,000	17,100	5,680	11,800	34,900	9,630	4,390	5,540	e7,240	8,680	7,010
28	2,370	17,800	12,600	6,080	12,300	39,300	9,690	3,450	3,890	e7,060	7,990	6,610
29	2,140	13,400	11,800	5,950	---	40,400	10,000	2,820	4,610	e6,540	7,880	6,520
30	1,650	12,200	11,600	5,090	---	29,100	11,100	2,930	4,380	e6,540	6,640	6,290
31	1,920	---	8,530	7,320	---	49,700	---	6,720	---	e8,470	5,500	---
TOTAL	138580	192990	254800	176130	279980	137950	122740	80290	98640	159650	156670	346000
MEAN	4470	6433	8219	5682	9654	4450	4091	2590	3288	5150	5054	11530
MAX	9740	13700	16400	11200	17600	7390	6990	7970	7270	9770	10300	27700
MIN	1370	1070	2540	1850	4440	2430	2380	1110	1940	2010	2110	2630
CFSM	0.96	1.38	1.76	1.22	2.07	0.95	0.88	0.55	0.70	1.10	1.08	2.47
IN.	1.10	1.54	2.03	1.40	2.23	1.10	0.98	0.64	0.79	1.27	1.25	2.76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	4,530	7,709	9,721	5,942	7,947	9,311	7,615	8,363	7,436	9,591	5,924	5,709
MAX	5,386	9,682	11,330	6,884	9,654	14,970	13,710	22,240	16,260	18,010	9,391	11,530
(WY)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2003)	(2003)	(2005)	(2005)	(2004)
MIN	3,735	6,433	8,219	5,260	4,032	4,074	3,689	2,590	2,161	2,383	2,242	2,387
(WY)	(2003)	(2004)	(2004)	(2003)	(2002)	(2002)	(2002)	(2004)	(2002)	(2002)	(2002)	(2002)

APALACHICOLA RIVER BASIN

02341505 CHATTAHOOCHEE RIVER AT GA 280, NEAR COLUMBUS, GA--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	2,366,650		3,559,970		8,533	
ANNUAL MEAN	6,466		9,753		9,995	
HIGHEST ANNUAL MEAN					5,859	
LOWEST ANNUAL MEAN					118,000	
HIGHEST DAILY MEAN	27,700	Sep 17	61,800	Apr. 1	May 9, 2003	
LOWEST DAILY MEAN	1,110	May 30	1,650	Oct 30	Nov. 17, 2003	
ANNUAL SEVEN-DAY MINIMUM	1,610	May 11	2,360	Oct 27	Jun 15, 2002	
MAXIMUM PEAK FLOW			80,100	Mar 31	150,000	
MAXIMUM PEAK STAGE			29.82	Apr. 1	39.95	
ANNUAL RUNOFF (CFSM)	1.38		2.09		1.83	
ANNUAL RUNOFF (INCHES)	18.85		28.36		24.83	
10 PERCENT EXCEEDS	12,300		16,700		14,500	
50 PERCENT EXCEEDS	5,220		7,790		6,390	
90 PERCENT EXCEEDS	2,500		3,870		2,980	

GAGE HEIGHT, FEET

WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.53	6.03	8.94	8.48	8.13	12.51	28.43	10.23	9.72	7.66	9.37	7.52
2	10.83	6.12	8.47	7.87	9.38	11.23	26.86	10.03	10.88	7.48	8.94	8.24
3	9.13	6.61	8.23	8.08	10.88	11.36	19.74	10.21	10.91	7.37	9.27	7.61
4	8.47	11.68	8.54	7.00	9.76	10.31	16.27	8.84	9.29	7.78	7.95	6.41
5	7.76	12.19	8.47	6.20	7.65	8.33	15.88	6.74	8.11	7.95	8.17	6.52
6	7.17	7.70	8.35	6.09	6.54	8.56	15.17	6.21	8.30	8.46	7.80	6.27
7	6.69	6.47	8.45	6.34	7.44	7.34	16.07	6.35	8.30	12.22	7.81	6.67
8	6.77	6.70	9.08	6.99	8.48	7.98	14.00	6.83	9.05	19.11	8.43	6.35
9	6.30	7.05	8.45	6.98	9.72	8.52	10.35	6.64	9.21	19.12	9.45	6.43
10	6.68	7.08	8.98	6.59	11.13	9.38	8.56	6.79	10.89	18.33	10.40	5.70
11	6.27	7.04	9.59	6.32	10.66	7.66	7.91	7.10	13.50	22.13	11.56	5.50
12	6.53	7.56	9.57	6.74	8.01	7.09	9.28	6.99	12.89	23.23	13.31	5.61
13	7.16	6.66	9.61	7.37	6.79	6.86	9.67	7.05	10.17	23.07	12.57	5.81
14	6.92	6.30	9.76	10.24	7.58	7.28	8.04	6.77	8.30	21.47	10.12	6.08
15	6.60	7.07	9.29	10.32	8.12	8.53	7.49	6.75	8.57	22.61	11.05	5.70
16	5.81	6.99	9.65	9.20	7.99	10.66	6.44	7.06	8.31	23.25	12.79	5.82
17	6.13	7.05	9.35	8.08	7.95	11.17	6.40	7.11	9.22	19.34	10.41	5.40
18	6.30	6.87	9.15	7.82	7.54	9.16	6.83	6.76	8.74	14.22	9.30	5.13
19	6.68	6.75	8.84	8.24	6.04	8.62	8.35	7.02	8.35	11.88	9.09	5.62
20	7.66	6.78	8.51	7.41	5.59	6.49	7.77	7.13	8.88	10.79	8.98	5.76
21	7.98	7.00	7.94	7.23	6.87	7.02	7.96	6.90	8.40	13.61	8.87	5.50
22	7.27	7.06	7.75	6.52	8.66	7.56	8.04	6.63	7.52	11.86	8.70	5.33
23	6.85	9.52	9.39	5.99	9.05	8.39	7.90	7.24	7.89	10.30	9.27	5.09
24	6.55	14.14	10.58	8.75	9.67	8.86	7.83	7.45	7.86	8.95	8.62	4.80
25	6.59	15.31	12.26	6.11	9.91	10.58	7.84	7.10	7.49	8.42	6.38	5.28
26	6.57	14.33	10.42	7.10	9.75	11.37	8.16	7.32	7.48	8.73	6.22	5.39
27	6.76	13.96	11.52	6.64	9.68	20.13	9.08	7.03	7.62	8.31	8.00	6.64
28	6.31	12.87	10.14	6.74	10.18	24.64	8.80	6.79	7.31	8.43	7.67	6.59
29	6.14	10.42	9.53	6.61	---	22.95	8.98	6.43	7.72	8.48	7.73	6.71
30	6.03	9.70	9.47	6.50	---	19.39	9.90	6.44	7.64	10.16	7.63	6.70
31	6.03	---	8.06	7.33	---	22.27	---	8.01	---	9.50	7.21	---
MEAN	7.14	8.70	9.24	7.35	8.54	11.04	11.13	7.29	8.95	13.36	9.13	6.07
MAX	12.53	15.31	12.26	10.32	11.13	24.64	28.43	10.23	13.50	23.25	13.31	8.24
MIN	5.81	6.03	7.75	5.99	5.59	6.49	6.40	6.21	7.31	7.37	6.22	4.80

02342500 UCHEE CREEK NEAR FORT MITCHELL, AL

LOCATION.--Lat 32°19'00", long 85°00'54", in NE ¼ SW ¼ sec. 3, T. 15 N., R. 30 E., Russell County, Hydrologic Unit 03130003, at bridge on State Highway 165, 2 mi south of Fort Mitchell, 4.8 mi downstream from Little Uchee Creek, and 5.3 mi upstream from mouth.

DRAINAGE AREA.--322 mi².

PERIOD OF RECORD.--October 1946 to current year. Monthly discharge only October 1946 to August 1953, published in WSP 1724.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 201.76 ft above NGVD of 1929. Prior to Sept. 1, 1953, at site 1,000 ft upstream at same datum; Sept. 1, 1953 to Aug. 15, 1965, at present site at same datum; and Aug. 15, 1965 to Nov. 15, 1990, at site 120 ft upstream at same datum.

REMARKS.--Estimated daily discharge: Jan. 28-30, May 9. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	0700	*15,000	*17.53	Apr 8	0400	5,460	8.67
Apr 2	0700	11,300	14.40	Jul 11	2000	5,260	8.47

Minimum discharge, 34 ft³/s, May 29, gage height, 0.66 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	89	89	378	217	363	998	7,570	2,250	3,110	135	388	494
2	79	80	410	204	567	725	9,370	1,370	2,810	116	283	343
3	71	76	300	188	2,420	558	3,710	853	2,460	116	281	238
4	68	96	250	179	2,180	469	1,980	678	1,700	81	224	194
5	63	311	224	175	1,170	410	1,490	561	1,240	69	135	166
6	59	265	345	176	858	352	1,280	465	802	62	112	145
7	52	164	383	187	718	308	3,890	389	740	428	257	126
8	53	128	334	196	622	872	4,290	317	727	525	271	112
9	50	107	330	211	1,500	893	2,290	e269	651	217	235	103
10	52	92	487	204	2,610	602	1,590	243	786	1,190	183	94
11	64	90	391	187	1,480	451	1,330	238	1,440	4,200	223	86
12	73	119	274	178	980	356	1,230	286	2,390	3,100	242	80
13	70	191	234	254	826	292	1,290	227	2,220	1,320	1,220	72
14	58	197	205	1,250	793	271	1,160	180	1,210	1,120	2,800	64
15	57	144	182	967	788	259	1,010	158	822	2,180	1,890	60
16	54	116	166	519	700	865	893	146	593	3,680	1,720	58
17	51	102	160	327	610	1,430	808	127	418	1,990	1,080	55
18	47	100	162	266	494	932	741	108	298	1,170	948	55
19	48	102	159	242	417	684	676	95	231	967	776	50
20	74	118	146	233	400	534	602	89	179	792	701	48
21	90	195	139	229	467	451	540	131	141	695	651	46
22	90	524	143	224	609	663	773	142	119	666	538	43
23	78	499	1,020	208	475	1,100	1,160	115	105	776	490	42
24	85	1,390	1,310	186	644	785	927	86	90	505	479	41
25	99	1,950	763	172	777	598	626	69	78	306	426	41
26	96	1,130	499	170	567	469	650	58	71	267	374	46
27	82	713	357	167	586	9,840	1,110	50	69	198	276	60
28	72	812	280	e186	1,130	12,500	850	44	73	159	236	93
29	115	667	252	e252	---	4,150	574	38	131	162	275	92
30	133	429	235	e663	---	2,050	1,280	42	208	860	616	78
31	104	---	223	581	---	2,070	---	482	---	587	626	---
TOTAL	2,276	10,996	10,741	9,398	25,751	46,937	55,690	10,306	25,912	28,639	18,956	3,225
MEAN	73.4	367	346	303	920	1,514	1,856	332	864	924	611	108
MAX	133	1,950	1,310	1,250	2,610	12,500	9,370	2,250	3,110	4,200	2,800	494
MIN	47	76	139	167	363	259	540	38	69	62	112	41
CFSM	0.23	1.14	1.08	0.94	2.86	4.70	5.77	1.03	2.68	2.87	1.90	0.33
IN.	0.26	1.27	1.24	1.09	2.97	5.42	6.43	1.19	2.99	3.31	2.19	0.37

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2005, BY WATER YEAR (WY)

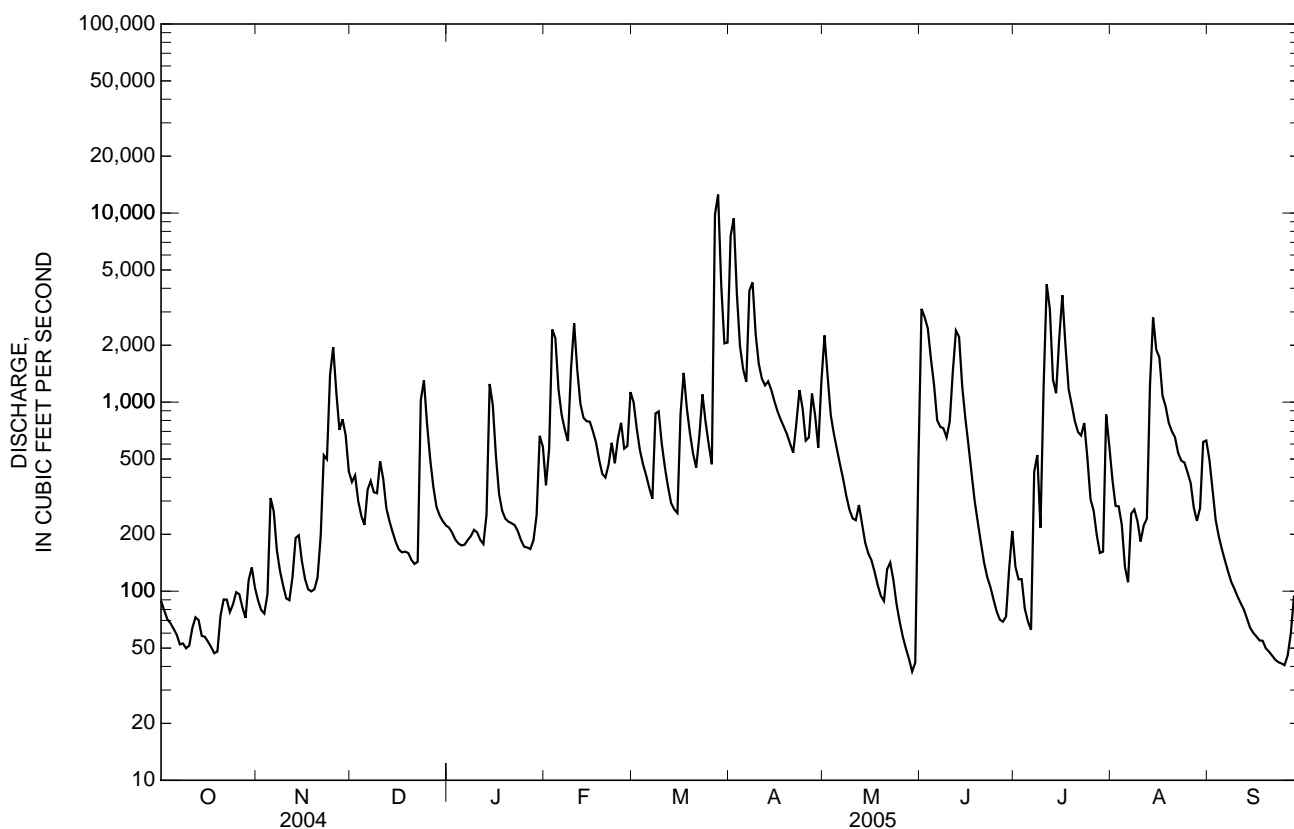
	131	253	442	611	848	1,060	784	317	180	263	145	97.0
MAX	1,028	2,493	1,708	1,544	2,049	2,470	3,376	1,568	982	2,303	835	423
(WY)	(1965)	(1949)	(1954)	(1978)	(1949)	(2001)	(1964)	(1953)	(1989)	(1994)	(1948)	(2004)
MIN	7.37	22.5	59.5	99.9	135	251	132	37.9	13.0	6.75	2.64	8.71
(WY)	(2001)	(1982)	(2002)	(2002)	(2001)	(1955)	(2004)	(2000)	(2000)	(2000)	(2002)	(2002)

APALACHICOLA RIVER BASIN

02342500 UCHEE CREEK NEAR FORT MITCHELL, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1947 - 2005	
ANNUAL TOTAL	90,890		248,827		425	
ANNUAL MEAN	248		682		906	
HIGHEST ANNUAL MEAN					106	
LOWEST ANNUAL MEAN					27,400	
HIGHEST DAILY MEAN	3,220	Sep 17	12,500	Mar 28	1.0	Apr 9, 1964
LOWEST DAILY MEAN	14	Aug 26	38	May 29	1.1	Sep 8, 2002
ANNUAL SEVEN-DAY MINIMUM	15	Aug 23	44	Sep 20	55,100	Sep 5, 2002
MAXIMUM PEAK FLOW			15,000	Mar 28	26.45	Apr 9, 1964
MAXIMUM PEAK STAGE			17.53	Mar 28	1.32	
ANNUAL RUNOFF (CFSM)	0.771		2.12		17.95	
ANNUAL RUNOFF (INCHES)	10.50		28.75		941	
10 PERCENT EXCEEDS	617		1,430		180	
50 PERCENT EXCEEDS	128		292		27	
90 PERCENT EXCEEDS	29		69			

e Estimated



02342933 SOUTH FORK COWIKKEE CREEK NEAR BATESVILLE, AL

LOCATION.--Lat 32°01'03", long 85°17'45", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 14, T. 12 N., R. 27 E., Barbour County, Hydrologic Unit 03130003, on left bank at downstream side of bridge on county road, 0.1 mi downstream from Bear Creek, 1.2 mi northeast of Batesville, 11.2 mi northwest of Eufaula, and 13.0 mi upstream from mouth.

DRAINAGE AREA.--112 mi².

PERIOD OF RECORD.--October 1963 to September 1971, October 1972 to September 1974 (annual peak discharge only), October 1974 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 200 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Feb. 27, Sept. 4-8. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 27	2130	*9,160	*25.11	Jul 16	0200	3,540	14.44
Apr 1	1630	7,060	21.53	Aug 9	0100	4,120	15.75

Minimum discharge, 7.9 ft³/s, June 27, 28, gage height, 2.45 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	15	93	42	65	141	3,700	308	44	24	104	328
2	15	13	83	40	162	94	1,800	98	80	16	154	101
3	14	12	61	37	407	72	364	66	45	13	65	73
4	13	20	49	36	197	62	256	61	32	95	129	e62
5	12	33	42	37	131	58	203	55	23	31	61	e50
6	12	21	61	36	100	54	164	51	27	24	175	e42
7	11	14	65	35	83	51	1,940	46	113	41	1,330	e38
8	11	11	60	37	73	58	431	40	44	26	2,240	e35
9	11	10	76	43	266	60	279	37	33	17	1,730	33
10	11	9.6	154	38	340	51	211	34	26	122	886	30
11	12	9.2	77	35	149	44	151	37	82	597	348	27
12	13	23	55	34	114	43	185	35	698	157	928	26
13	13	34	46	114	96	41	147	34	142	52	329	26
14	12	20	40	540	118	40	101	31	57	98	226	25
15	11	18	38	163	124	39	86	26	34	736	393	23
16	11	16	37	115	93	121	74	24	30	1,250	515	23
17	9.7	14	37	86	85	148	66	22	26	207	509	22
18	9.2	13	36	67	65	91	62	20	20	178	199	20
19	9.0	13	35	58	56	63	61	19	16	146	116	19
20	12	13	34	57	54	53	59	20	14	95	96	18
21	18	15	32	56	56	55	56	24	13	72	75	21
22	15	26	35	50	67	149	88	24	11	52	85	19
23	12	121	499	45	60	246	658	21	10	41	98	16
24	14	596	166	39	71	125	146	18	9.7	35	66	16
25	22	329	110	40	72	86	84	15	9.1	32	109	15
26	17	102	96	41	57	68	97	12	8.4	26	65	24
27	14	90	79	41	e122	6,690	101	12	8.1	22	59	41
28	16	150	60	37	283	3,030	69	11	9.2	29	56	29
29	24	86	52	62	---	426	67	11	48	64	286	23
30	18	66	47	133	---	254	279	13	58	65	561	19
31	16	---	44	83	---	229	---	24	---	43	350	---
TOTAL	423.9	1,912.8	2,399	2,277	3,566	12,742	11,985	1,249	1,770.5	4,406	12,343	1,244
MEAN	13.7	63.8	77.4	73.5	127	411	400	40.3	59.0	142	398	41.5
MAX	24	596	499	540	407	6,690	3,700	308	698	1,250	2,240	328
MIN	9.0	9.2	32	34	54	39	56	11	8.1	13	56	15
CFSM	0.12	0.57	0.69	0.66	1.14	3.67	3.57	0.36	0.53	1.27	3.56	0.37
IN.	0.14	0.64	0.80	0.76	1.18	4.23	3.98	0.41	0.59	1.46	4.10	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2005, BY WATER YEAR (WY)

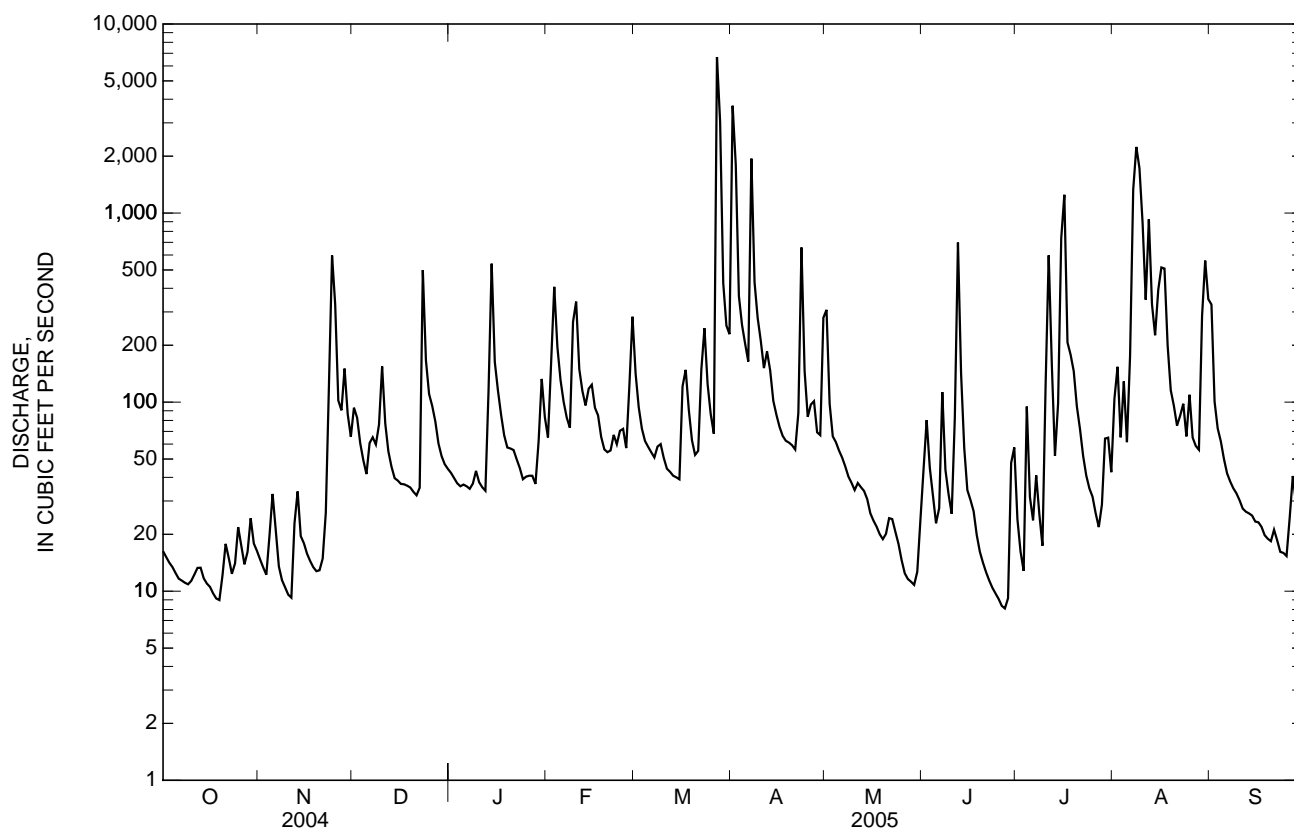
MEAN	44.5	62.6	109	184	251	332	159	90.9	57.7	72.8	52.5	35.0
MAX	532	446	421	626	986	1,363	432	390	191	872	398	201
(WY)	(1976)	(1998)	(1998)	(1978)	(1975)	(1990)	(1979)	(1976)	(2003)	(1994)	(2005)	(1996)
MIN	1.12	4.56	10.1	13.3	27.0	65.5	23.4	2.89	4.10	1.45	1.33	0.63
(WY)	(1991)	(1991)	(1989)	(1981)	(2001)	(1985)	(1967)	(2000)	(1988)	(2000)	(1990)	(1990)

APALACHICOLA RIVER BASIN

02342933 SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1964 - 2005	
ANNUAL TOTAL	35,715.6		56,318.2		120	
ANNUAL MEAN	97.6		154		254	
HIGHEST ANNUAL MEAN					27.5	
LOWEST ANNUAL MEAN					19,800	
HIGHEST DAILY MEAN	4,220	Jan 26	6,690	Mar 27		Mar 17, 1990
LOWEST DAILY MEAN	2.3	Aug 9	8.1	Jun 27	0.08	Jul 19, 2000
ANNUAL SEVEN-DAY MINIMUM	3.0	Aug 3	9.4	Jun 22	0.20	Jul 13, 2000
MAXIMUM PEAK FLOW			9,160	Mar 27	28,200	Mar 17, 1990
MAXIMUM PEAK STAGE			25.11	Mar 27	43.40	Mar 17, 1990
ANNUAL RUNOFF (CFSM)	0.871		1.38		1.07	
ANNUAL RUNOFF (INCHES)	11.86		18.71		14.60	
10 PERCENT EXCEEDS	179		279		225	
50 PERCENT EXCEEDS	32		51		36	
90 PERCENT EXCEEDS	8.1		13		4.2	

e Estimated



0234296910 CHATTAHOOCHEE RIVER AT COAST GUARD DOCK AT EUFAULA, AL

LOCATION.--Lat 31°54'29", long 85°08'42", in SE 1/4 sec. 29, T. 11 N., R. 29 E., Barbour County, Hydrologic Unit 03130003, at Coast Guard Dock near mouth of Chewalla Creek, 1 mi north of Eufaula, and at mile 97.8.

DRAINAGE AREA.--6,730 mi².

PERIOD OF RECORD.--April 1967 to current year (elevations only). October 1989 to current year in reports of Geological Survey. April 1967 to September 1989 in files of U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Gage is in pool of Walter F. George Lake formed by dam at mile 75.0.

EXTREMES FOR PERIOD SINCE OCTOBER 1989.--Maximum elevation, 195.6 ft, Mar. 18, 1990; minimum elevation, 184.05 ft, June 13, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 191.82 ft, Mar. 28; minimum elevation, 187.38 ft, Sept. 17.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	189.36	188.98	187.78	188.42	188.03	188.52	188.62	189.21	189.69	189.91	190.47	189.07
2	189.62	188.83	187.94	188.44	188.09	188.63	190.28	189.23	190.13	189.89	190.18	189.06
3	189.63	188.69	188.14	188.55	188.49	188.57	190.68	189.07	190.41	189.87	189.73	189.12
4	189.52	188.67	188.28	188.60	188.97	188.47	189.58	189.02	190.36	189.94	189.69	189.01
5	189.37	188.97	188.38	188.44	188.89	188.19	188.28	189.01	190.08	190.00	189.72	188.78
6	189.20	189.06	188.55	188.30	188.46	187.88	188.80	188.85	189.86	190.00	189.77	188.57
7	188.99	188.76	188.56	188.15	188.06	187.86	189.48	188.74	189.92	189.88	189.83	188.41
8	188.84	188.48	188.65	188.17	188.01	187.91	189.35	188.71	189.96	189.70	190.09	188.28
9	188.90	188.46	188.66	188.31	188.26	188.04	188.49	---	190.05	189.33	190.41	188.11
10	188.94	188.45	188.63	188.37	188.70	188.11	187.82	188.65	189.99	189.17	190.42	188.10
11	188.90	188.46	188.44	188.32	188.89	188.25	187.87	188.68	189.86	189.58	190.00	187.94
12	188.70	188.51	188.24	188.21	188.79	188.16	187.99	188.73	189.98	189.99	189.88	187.89
13	188.62	188.58	188.07	188.21	188.42	188.14	188.17	188.82	189.83	190.34	189.84	187.75
14	188.57	188.57	188.10	188.64	188.21	188.04	188.31	188.81	189.38	190.30	189.68	187.69
15	188.74	188.56	188.16	188.81	188.18	188.07	188.24	188.83	189.24	190.16	189.86	187.52
16	188.66	188.54	188.20	188.73	188.14	188.31	188.23	188.94	189.49	190.45	190.05	187.45
17	188.69	188.53	188.25	188.52	188.07	188.74	188.19	188.94	189.64	190.63	189.92	187.47
18	188.61	188.44	188.24	188.49	188.14	188.98	188.19	188.94	189.77	190.08	189.12	187.54
19	188.65	188.44	188.20	188.51	188.11	188.80	188.28	188.95	189.90	190.04	188.81	187.59
20	188.81	188.44	188.17	188.50	187.97	188.42	188.42	188.98	189.96	190.16	188.76	187.61
21	189.12	188.54	188.08	188.49	187.91	187.98	188.46	189.01	189.98	190.17	188.76	187.66
22	189.30	188.57	188.07	188.46	187.97	188.06	188.56	189.00	189.79	190.25	188.75	187.68
23	189.38	188.63	188.25	188.35	188.19	188.25	188.84	188.96	189.68	190.07	188.84	187.68
24	189.40	188.73	188.22	188.48	188.26	188.24	189.03	189.05	189.69	190.03	188.93	187.63
25	189.35	189.19	188.22	188.51	188.40	188.16	189.06	189.15	189.54	189.92	188.83	187.63
26	189.28	189.25	188.16	188.36	188.52	188.16	188.96	189.22	189.59	189.92	188.64	187.70
27	189.20	189.05	188.10	---	---	189.85	188.87	189.29	189.60	189.91	188.70	187.74
28	189.15	188.80	188.33	---	---	191.57	188.69	189.30	189.61	189.84	188.70	187.91
29	189.06	188.34	188.35	188.11	---	191.39	188.51	189.23	189.74	189.87	188.86	188.03
30	189.00	187.98	188.40	188.11	---	190.03	188.76	189.19	189.89	190.22	189.04	188.14
31	189.00	---	188.45	188.10	---	188.57	---	189.25	---	190.50	189.05	---
MEAN	189.05	188.65	188.27	---	---	188.59	188.70	---	189.82	190.00	189.46	188.03
MAX	189.63	189.25	188.66	---	---	191.57	190.68	---	190.41	190.63	190.47	189.12
MIN	188.57	187.98	187.78	---	---	187.86	187.82	---	189.24	189.17	188.64	187.45
CAL YR	2004	MEAN	188.62	MAX	189.84	MIN	187.23					

APALACHICOLA RIVER BASIN

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL

LOCATION.--Lat 31°15'33", long 85°06'37", Early County, Ga.-Houston County, Ala., Hydrologic Unit 03130004, at left end of George W. Andrews Lock and Dam, 1.3 mi downstream from Omusee Creek, 2.3 mi south of Columbia, and at mile 46.5.

DRAINAGE AREA.--8,210 mi², approximately.

PERIOD OF RECORD.--October 1975 to current year.

GAGE.--Satellite transmitter with gate-opening and water-stage recorders. Datum of headwater gage and tail-water gage is at NGVD of 1929.

REMARKS.--Estimated daily discharge: Oct. 10, 11, 13; Nov. 1-9, 22, 27; Mar. 9; May 17, July 15; Sept. 15-17, 20, 28. Discharge records fair, except periods of estimated record, which are poor. Flow regulated by Lake Sidney Lanier, West Point Lake, Lake Harding, Walter F. George Lake, and George W. Andrews Reservoir. Gage-height records good.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929, thought to be the highest since 1827, based on station on Chattahoochee River at Columbia, 2.4 mi upstream.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16,400	e5,060	19,800	14,700	16,900	23,600	81,000	19,900	14,100	11,700	20,000	15,700
2	15,700	e5,160	12,000	13,000	17,300	23,300	90,400	23,500	15,300	11,500	24,900	14,300
3	15,800	e8,390	12,200	12,300	17,300	23,300	82,000	23,200	20,800	10,100	26,100	12,900
4	15,600	e21,700	12,300	12,700	18,700	23,400	73,800	18,700	23,500	10,500	13,400	12,900
5	13,000	e19,400	13,200	12,200	22,200	23,500	53,700	13,500	20,800	11,400	12,000	13,300
6	15,000	e11,700	12,100	12,600	22,400	20,200	23,200	12,500	16,900	13,300	12,800	12,200
7	13,300	e10,000	14,700	12,000	19,800	14,100	40,900	11,900	13,900	22,100	15,100	12,700
8	10,700	e10,900	15,900	9,100	15,900	12,300	53,600	10,800	15,400	35,600	14,400	12,700
9	4,510	e10,800	16,400	9,240	14,100	e16,000	52,500	10,300	17,600	42,000	16,100	11,700
10	e5,230	10,900	19,000	10,400	20,400	16,500	29,800	13,400	22,500	40,400	24,700	9,870
11	e5,920	11,500	22,100	13,700	22,800	13,100	18,400	9,740	30,000	42,800	31,200	10,100
12	12,200	10,900	22,100	11,800	22,500	12,900	18,300	10,400	31,200	46,600	28,500	10,500
13	e9,940	9,580	19,900	13,900	20,700	12,700	18,200	9,910	30,800	44,900	28,600	10,800
14	7,760	8,390	16,000	20,900	17,000	14,200	18,000	9,170	25,900	44,800	27,200	10,500
15	6,690	10,900	17,100	23,300	17,400	13,300	17,700	7,300	14,600	e44,700	18,200	e11,700
16	6,300	12,200	16,300	22,600	16,800	16,600	13,600	10,500	10,400	45,200	25,400	e9,560
17	7,100	11,000	16,800	20,200	16,300	16,000	12,900	e10,100	12,100	45,300	31,400	e7,250
18	8,230	13,000	16,800	13,100	13,300	19,100	12,800	9,660	10,600	42,900	33,900	5,870
19	7,260	9,950	16,500	15,200	13,500	21,400	12,700	9,630	10,200	25,100	22,000	7,750
20	6,910	10,600	16,500	15,200	11,000	21,800	13,900	9,710	13,100	17,800	17,200	e7,560
21	7,340	9,870	16,700	13,100	13,400	19,200	13,600	11,700	13,400	24,000	16,800	7,000
22	7,100	e13,200	12,800	10,900	12,900	13,300	12,400	10,100	14,100	25,700	16,800	6,900
23	6,000	14,200	18,300	10,200	13,600	15,400	10,500	9,840	11,800	23,500	15,600	6,970
24	6,770	26,700	24,700	10,500	17,300	19,100	11,600	8,310	10,900	16,700	15,800	5,760
25	7,490	31,500	24,200	13,100	16,800	23,400	17,100	7,370	10,900	14,600	14,400	5,460
26	8,110	32,300	24,500	12,000	17,100	22,900	17,300	7,690	8,200	12,600	11,300	7,860
27	8,240	e32,900	21,600	13,200	19,700	42,400	19,800	7,740	10,700	13,000	12,300	7,860
28	7,490	33,300	17,100	12,700	23,700	100,000	21,500	8,830	10,100	12,500	14,200	e6,780
29	7,630	31,400	17,000	14,700	---	108,000	19,400	8,430	12,900	11,900	12,700	8,520
30	4,370	26,300	16,700	12,600	---	101,000	13,200	7,500	11,800	11,000	13,300	7,630
31	4,710	---	15,800	17,300	---	77,600	---	9,250	---	13,800	15,500	---
TOTAL	278,800	473,700	537,100	428,440	490,800	899,600	893,800	350,580	484,500	788,000	601,800	290,600
MEAN	8,994	15,790	17,330	13,820	17,530	29,020	29,790	11,310	16,150	25,420	19,410	9,687
MAX	16,400	33,300	24,700	23,300	23,700	108,000	90,400	23,500	31,200	46,600	33,900	15,700
MIN	4,370	5,060	12,000	9,100	11,000	12,300	10,500	7,300	8,200	10,100	11,300	5,460
CFSM	1.10	1.92	2.11	1.68	2.14	3.53	3.63	1.38	1.97	3.10	2.36	1.18
IN.	1.26	2.15	2.43	1.94	2.22	4.08	4.05	1.59	2.20	3.57	2.73	1.32

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1976	6,480	16,730	(1976)	2,385	(1987)
1977	8,270	23,290	(1993)	2,998	(1982)
1978	11,200	24,660	(1993)	3,655	(2000)
1979	13,120	31,670	(1978)	4,726	(1981)
1980	16,820	33,800	(1998)	4,856	(1989)
1981	19,660	45,900	(1990)	6,912	(2000)
1982	14,080	33,400	(1979)	4,957	(1999)
1983	9,975	25,820	(2003)	4,536	(1999)
1984	8,170	22,920	(2003)	3,946	(2000)
1985	8,909	38,070	(1994)	2,425	(1988)
1986	7,686	19,410	(2005)	2,045	(1988)
1987	6,727	17,030	(2004)	2,265	(1986)

APALACHICOLA RIVER BASIN

02343801 CHATTAHOOCHEE RIVER NEAR COLUMBIA, AL--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1976 - 2005	
ANNUAL TOTAL	4,152,330		6,517,720		10,900	
ANNUAL MEAN	11,350		17,860		17,860	2005
HIGHEST ANNUAL MEAN					4,950	2000
LOWEST ANNUAL MEAN					195,000	Jul 7, 1994
HIGHEST DAILY MEAN	52,600	Sept. 17	108,000	Mar. 29	0.00	Nov 22, 1987
LOWEST DAILY MEAN	3,860	June 7	4,370	Oct. 30	1,640	May 14, 1985
ANNUAL SEVEN-DAY MINIMUM	4,320	June 4	6,090	Oct. 27	202,000	Jul 7, 1994
MAXIMUM PEAK FLOW			118,000	Mar. 29	123.98	Jul 7, 1994
MAXIMUM PEAK STAGE			111.80	Mar. 29	1.33	
ANNUAL RUNOFF (CFSM)	1.38		2.18		18.03	
ANNUAL RUNOFF (INCHES)	18.81		29.53		21,700	
10 PERCENT EXCEEDS	19,800		29,100		8,480	
50 PERCENT EXCEEDS	8,770		13,900		2,030	
90 PERCENT EXCEEDS	5,500		7,820			

e Estimated

APALACHICOLA RIVER BASIN

LAKES AND RESERVOIRS IN APALACHICOLA RIVER BASIN

02339400 WEST POINT LAKE NEAR WEST POINT, GA

LOCATION.--Lat 32°55'05", long 85°11'17", Troup County, Ga., Hydrologic Unit 03130002, at forebay of dam on Chattahoochee River, 2.3 mi upstream from Oseligee Creek, 3.0 mi north of West Point, Ga., 3.2 mi upstream from bridge on U.S. Highway 29, and at mile 201.4.

DRAINAGE AREA.--3,440 mi², approximately.

PERIOD OF RECORD.--October 1974 to current year.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Lake is formed by concrete gravity dam with earth dikes at either side. Spillway (crest elevation, 597 ft) is equipped with six tainter gates 50 ft wide by 41 ft high. Storage began Oct. 16, 1974; lake reached maximum power pool, 635 ft, on June 10, 1975. Total capacity at elevation, 641 ft; maximum flood control pool, 774,800 acre-ft. Capacity at elevation, 635 ft, maximum power pool, 604,500 acre-ft. Dead storage below elevation 620 ft, minimum power pool, 298,400 acre-ft. Lake is used for flood control and power. Records furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 740,700 acre-ft, May 8, 2003, elevation, 639.88 ft; minimum, since first filling, 295,200 acre-ft, Nov. 8, 1985, elevation, 619.80 ft.

EXTREMES FOR CURRENT YEAR.--Maximum midnight contents, 684,100 acre-ft, July 14, elevation, 637.94 ft; minimum, 445,000 acre-ft, Feb. 18, elevation, 628.13 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2004S

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	633.32	562,300	--	--
Oct. 31	634.32	587,200	+24,900	+405
Nov. 30	631.39	516,400	-70,800	-1,190
Dec. 31	629.07	464,800	-51,600	-840
CAL YR 2004			+56,300	+78
Jan. 31	628.83	459,700	-5,100	-83
Feb. 28	630.87	504,400	+44,700	+806
Mar. 31	632.63	545,500	+41,100	+669
Apr. 30	633.28	561,300	+15,800	+266
May 31	634.86	601,000	+39,700	+646
June 30	634.89	601,700	+700	+12
July 31	634.52	592,300	-9,400	-153
Aug. 31	634.94	603,000	+10,700	+174
Sept. 30	632.58	544,400	-58,600	-986
WTR YR 2005			-17,900	-25

APALACHICOLA RIVER BASIN

LAKES AND RESERVOIRS IN APALACHICOLA RIVER BASIN--Continued

02343240 WALTER F. GEORGE LAKE NEAR FORT GAINES, GA

LOCATION.--Lat 31°37'27", long 85°04'03", Clay County, Ga., Hydrologic Unit 03130003, at forebay of dam on Chattahoochee River, 1.6 mi upstream from bridge on State Highway 37, 1 mi north of Ft. Gaines, Ga., and at mile 75.0.

DRAINAGE AREA.--7,460 mi², approximately.

PERIOD OF RECORD.--May 1962 to current year.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Reservoir is formed by concrete gravity dam and navigation lock with earth dikes on either side. The non-overflow section at the dam includes a powerhouse. Filling began in May 1962. Power operations commenced on Mar. 13, 1963. The spillway (crest elevation, 163.0 ft) is equipped with 14 tainter gates 42 ft wide by 29 ft high. Total capacity at elevation 190.0 ft, full summer pool, 934,400 acre-ft, of which 244,400 acre-ft between elevations 190.0 and 184.0 ft, minimum pool, is controlled storage. Lake is used for navigation and power. Records furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 1,160,900 acre-ft, Mar. 19, 1990, elevation, 194.60 ft; minimum, after first filling, 660,400 acre-ft, Apr. 23, 1965, elevation, 183.17 ft.

EXTREMES FOR CURRENT YEAR.--Maximum midnight contents, 1,012,000 acre-ft, Mar. 28, elevation, 191.66 ft; minimum, 828,800 acre-ft Sept. 15, elevation, 187.56 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	189.32	904,200	--	--
Oct. 31	189.12	895,300	-8,900	-145
Nov. 30	187.86	841,300	-54,000	-908
Dec. 31	188.50	868,600	+27,300	+444
CAL YR 2004			-38,700	-53
Jan. 31	188.21	856,100	-12,500	-203
Feb. 28	188.63	874,100	+18,000	+324
Mar. 31	188.01	847,500	-26,600	-433
Apr. 30	189.22	899,800	+52,300	+880
May 31	189.46	910,400	+10,600	+173
June 30	190.02	935,300	+24,900	+419
July 31	190.62	963,000	+27,700	+451
Aug. 31	189.23	900,200	-62,800	-1,020
Sept. 30	188.31	860,400	-39,800	-669
WTR YR 2005			-43,800	-61

CHOCTAWHATCHEE RIVER BASIN

02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL

LOCATION.--Lat 31°20'34", long 85°36'38", in SE 1/4 sec. 2, T. 4 N., R. 24 E., Dale County, Hydrologic Unit 03140201, on left bank at downstream side of bridge on State Highway 123, 100 ft upstream from abandoned mill dam, 1,800 ft upstream from Hurricane Creek, 0.8 mi north of Newton, 1 mi downstream from Atlantic Coast Line Railroad bridge, and at mile 133.0.

DRAINAGE AREA.--686 mi².

PERIOD OF RECORD.--June 1906 to August 1908, October 1911 to August 1912 (gage heights only), November 1921 to September 1927, May 1935 to current year. Monthly discharge only for period January to April 1925, published in WSP 1304. Gage-height records collected near same site from 1931 to December 1971 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 2106: 1967. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 138.56 ft above NGVD of 1929. See WSP 1304 or 1724 for history of changes prior to Sept. 9, 1938. Prior to May 15, 1997, gage located 300 ft downstream, below abandoned mill dam.

REMARKS.--Estimated daily discharges: Oct. 1-19, Oct. 22 - Nov. 1, Nov. 9, Jan. 2, and Feb. 27. Records fair. Prior to January 1941 moderate diurnal fluctuation at low flow caused by gristmills above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, 42 ft present site and datum, Mar. 15, 1929, from information by State Highway Department (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 29	0700	*18,900	*28.82	Apr 7	1100	5,710	15.43
Apr 2	2200	10,000	22.04				

Minimum discharge, not determined.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e236	e378	863	599	931	1,000	6,640	3,630	1,170	1,210	1,110	2,090
2	e215	362	745	e582	980	887	9,610	2,500	1,390	1,020	1,070	1,660
3	e209	350	656	572	1,300	779	9,120	1,940	1,770	781	1,190	1,110
4	e229	383	603	556	1,260	689	5,600	1,500	1,430	1,030	1,170	715
5	e209	446	567	544	1,140	634	3,100	1,120	1,080	2,050	2,060	549
6	e188	520	824	537	1,010	598	2,430	946	827	1,770	1,790	458
7	e160	499	908	536	836	574	5,100	832	1,190	1,710	1,170	401
8	e133	427	992	733	731	647	4,930	752	850	1,360	1,110	362
9	e119	e372	900	910	1,170	622	4,060	695	898	1,010	1,300	340
10	e119	341	1,080	749	2,200	577	3,070	646	875	1,780	1,260	325
11	e167	338	937	651	1,600	549	2,280	604	1,290	2,850	1,470	308
12	e244	374	837	597	1,360	528	2,110	568	2,200	2,310	1,180	295
13	e241	396	734	914	1,190	512	1,910	538	1,980	2,220	1,160	286
14	e207	391	630	3,010	1,170	508	1,640	517	2,040	1,920	836	276
15	e186	382	565	2,130	1,160	503	1,480	497	1,530	1,550	1,180	272
16	e174	360	533	1,820	1,040	988	1,340	523	913	1,930	2,490	270
17	e161	344	521	1,740	942	1,170	1,220	514	611	1,690	1,850	267
18	e146	331	513	1,260	816	1,030	1,140	483	561	1,340	1,290	261
19	e396	329	506	930	727	864	1,060	462	543	1,090	1,000	256
20	1,610	366	494	818	684	715	1,020	449	474	964	850	250
21	1,220	904	485	756	669	637	986	488	433	863	778	248
22	e922	602	497	717	662	1,000	1,140	570	401	739	643	245
23	e747	515	1,870	674	657	1,610	1,420	654	379	683	775	243
24	e628	1,080	1,520	623	727	1,160	1,400	559	361	638	686	243
25	e573	2,180	1,210	608	743	1,950	1,310	462	345	513	635	256
26	e501	1,430	1,270	599	725	1,610	1,290	417	333	470	567	304
27	e469	1,290	1,090	592	e800	5,410	1,270	391	328	438	487	393
28	e445	1,520	823	579	1,110	13,100	1,070	373	372	441	460	506
29	e414	1,160	716	674	---	17,400	940	359	702	508	602	511
30	e394	901	657	929	---	9,370	2,040	352	1,100	785	1,350	410
31	e389	---	625	952	---	3,640	---	471	---	857	1,730	---
TOTAL	12,051	19,271	25,171	27,891	28,340	71,261	81,726	24,812	28,376	38,520	35,249	14,110
MEAN	389	642	812	900	1,012	2,299	2,724	800	946	1,243	1,137	470
MAX	1,610	2,180	1,870	3,010	2,200	17,400	9,610	3,630	2,200	2,850	2,490	2,090
MIN	119	329	485	536	657	503	940	352	328	438	460	243
CFSM	0.57	0.94	1.18	1.31	1.48	3.35	3.97	1.17	1.38	1.81	1.66	0.69
IN.	0.65	1.05	1.36	1.51	1.54	3.86	4.43	1.35	1.54	2.09	1.91	0.77

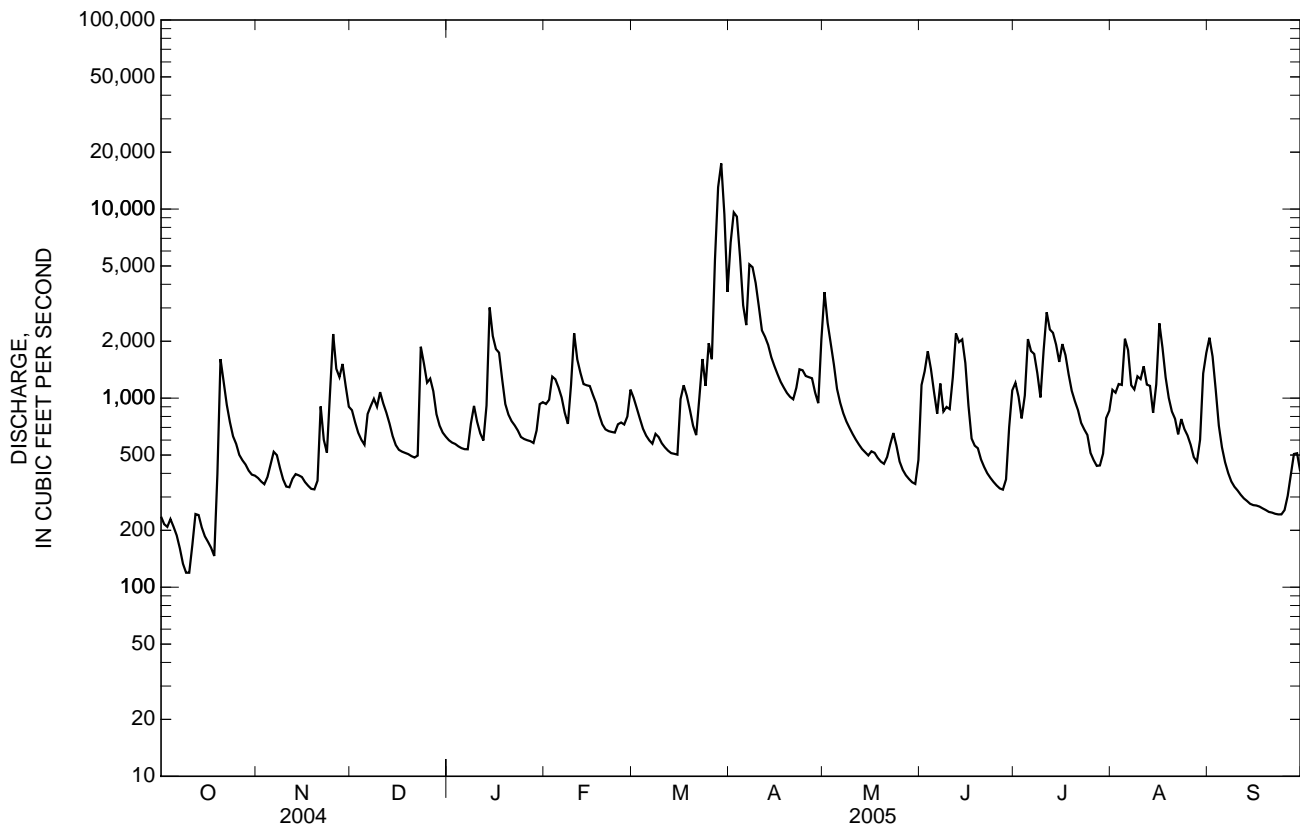
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2005, BY WATER YEAR (WY)

MEAN	410	583	965	1,413	1,542	1,845	1,447	782	599	717	577	482
MAX	1,707	2,641	4,544	5,739	2,862	5,926	4,323	2,619	1,667	7,668	2,384	2,274
(WY)	(1976)	(1949)	(1954)	(1925)	(1949)	(1990)	(1944)	(1953)	(1922)	(1994)	(1939)	(1937)
MIN	77.6	161	204	337	496	358	322	88.7	76.2	70.3	95.0	95.1
(WY)	(1988)	(1991)	(1956)	(1981)	(1989)	(1955)	(2000)	(2000)	(2000)	(2000)	(1988)	(1954)

02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1922 - 2005	
ANNUAL TOTAL	241,088		406,778		946	
ANNUAL MEAN	659		1,114		325	
HIGHEST ANNUAL MEAN					1,737	
LOWEST ANNUAL MEAN					325	
HIGHEST DAILY MEAN	3,260	Feb 14	17,400	Mar 29	72,200	Mar 18, 1990
LOWEST DAILY MEAN	119	Oct 9	119	Oct 9	37	Jul 26, 2000
ANNUAL SEVEN-DAY MINIMUM	156	Oct 5	156	Oct 5	43	Jul 22, 2000
MAXIMUM PEAK FLOW			18,900	Mar 29	87,500	Mar 18, 1990
MAXIMUM PEAK STAGE			28.82	Mar 29	40.30	Mar 18, 1990
ANNUAL RUNOFF (CFSM)	0.960		1.62		1.38	
ANNUAL RUNOFF (INCHES)	13.07		22.06		18.74	
10 PERCENT EXCEEDS	1,370		1,930		1,940	
50 PERCENT EXCEEDS	502		739		585	
90 PERCENT EXCEEDS	221		329		186	

e Estimated



CHOCTAWHATCHEE RIVER BASIN

02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	5.59	4.94	5.66	5.80	16.90	11.42	6.23	6.34	6.18	8.18
2	---	4.32	5.34	4.90	5.76	5.57	21.56	9.02	6.70	5.94	6.10	7.30
3	---	4.27	5.13	4.88	6.49	5.36	20.90	7.88	7.50	5.46	6.34	6.19
4	---	4.39	5.00	4.84	6.39	5.16	15.15	6.95	6.79	5.98	6.31	5.39
5	---	4.61	4.90	4.80	6.11	5.03	10.31	6.10	6.01	8.11	8.15	5.02
6	---	4.86	5.49	4.78	5.81	4.94	8.88	5.73	5.50	7.54	7.57	4.79
7	---	4.79	5.65	4.78	5.47	4.88	14.25	5.51	6.27	7.41	6.30	4.63
8	---	4.54	5.81	5.22	5.25	5.06	13.96	5.34	5.54	6.65	6.19	4.52
9	---	4.34	5.62	5.62	6.20	5.00	12.29	5.21	5.63	5.92	6.57	4.45
10	---	4.22	5.98	5.29	8.41	4.89	10.24	5.10	5.59	7.53	6.48	4.39
11	---	4.21	5.68	5.07	7.17	4.82	8.57	5.00	6.48	9.77	6.90	4.33
12	---	4.34	5.49	4.94	6.64	4.75	8.22	4.91	8.40	8.62	6.32	4.28
13	---	4.42	5.26	5.62	6.23	4.70	7.82	4.82	7.96	8.44	6.29	4.24
14	---	4.40	5.02	10.13	6.18	4.68	7.26	4.75	8.09	7.83	5.65	4.21
15	---	4.36	4.86	8.27	6.16	4.67	6.89	4.69	7.03	7.07	6.33	4.19
16	---	4.27	4.76	7.64	5.88	5.79	6.60	4.77	5.74	7.86	9.00	4.18
17	---	4.21	4.73	7.47	5.68	6.19	6.33	4.74	5.08	7.35	7.67	4.17
18	---	4.17	4.70	6.39	5.43	5.86	6.14	4.64	4.95	6.63	6.53	4.14
19	4.57	4.15	4.68	5.66	5.25	5.53	5.97	4.57	4.90	6.15	5.98	4.12
20	7.19	4.28	4.64	5.44	5.15	5.22	5.86	4.53	4.68	5.90	5.68	4.10
21	6.41	5.70	4.61	5.31	5.11	5.04	5.81	4.66	4.54	5.71	5.53	4.09
22	---	5.05	4.64	5.22	5.10	5.84	6.14	4.89	4.42	5.45	5.23	4.08
23	---	4.80	7.71	5.13	5.09	7.18	6.77	5.12	4.34	5.33	5.53	4.07
24	---	6.01	7.00	5.00	5.25	6.16	6.74	4.87	4.27	5.22	5.33	4.07
25	---	8.38	6.28	4.97	5.28	7.86	6.53	4.57	4.22	4.88	5.21	4.12
26	---	6.80	6.42	4.94	5.24	7.17	6.49	4.41	4.17	4.74	5.04	4.31
27	---	6.51	6.00	4.93	5.39	14.51	6.45	4.32	4.16	4.63	4.79	4.61
28	---	6.98	5.45	4.89	6.04	24.83	5.99	4.25	4.31	4.63	4.70	4.91
29	---	6.21	5.22	5.12	---	28.03	5.71	4.20	5.27	4.84	5.07	4.92
30	---	5.66	5.09	5.65	---	20.76	8.05	4.17	6.12	5.53	6.66	4.66
31	---	---	5.01	5.70	---	11.44	---	4.53	---	5.70	7.44	---
MEAN	---	---	5.41	5.60	5.85	7.83	9.29	5.34	5.70	6.42	6.23	4.69
MAX	---	---	7.71	10.13	8.41	28.03	21.56	11.42	8.40	9.77	9.00	8.18
MIN	---	---	4.61	4.78	5.09	4.67	5.71	4.17	4.16	4.63	4.70	4.07

02361500 CHOCTAWHATCHEE RIVER NEAR BELLWOOD, AL

LOCATION.--Lat 31°09'33", long 85°47'04", in SW 1/4 sec. 7, T. 2 N., R. 23 E., Geneva County, Hydrologic Unit 3140201, at bridge on county road, 0.1 mi downstream of Wilkerson Creek, 1 mi southeast of Bellwood, 4.0 mi downstream of Claybank Creek, and at mile 109.3.

DRAINAGE AREA.--1,280 mi².

PERIOD OF RECORD.--December 1921 to October 1925, December 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 90 ft above NGVD of 1929, from topographic map. From December 1921 to October 1925, gage located 1.2 mi upstream of current location.

REMARKS.--Estimated daily discharges: Oct. 24; Dec. 1, 5, 26; Jan. 29; Feb. 9, 27, 28; Mar. 3, 4, 20-22, Mar. 30 - Apr. 2; June 6, 7, 9-13, 15-20, and 22-24. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 10,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	0200	*22,400	*16.66	Apr 8	1200	11,800	13.85
Apr 3	0000	21,500	16.48	Aug 6	2300	12,100	13.98

Minimum discharge, 606 ft³/s, Oct. 18, gage height, 4.28 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	813	895	e2,140	1,470	1,770	2,020	e16,000	7,000	2,010	1,860	1,900	3,760
2	784	881	2,010	1,410	1,910	1,750	e19,300	8,270	3,230	1,760	2,280	3,780
3	742	897	1,710	1,370	2,400	e1,610	19,600	5,520	2,950	1,760	2,250	2,880
4	712	965	1,550	1,330	2,590	e1,530	13,600	4,150	3,630	1,790	2,670	1,980
5	686	1,130	e1,450	1,310	2,280	1,400	8,780	3,130	2,640	2,160	3,890	1,530
6	668	1,110	1,770	1,290	2,010	1,320	6,120	2,440	e1,860	2,780	9,660	1,310
7	649	1,090	2,130	1,300	1,770	1,250	6,830	2,060	e1,820	2,650	10,100	1,160
8	633	1,010	2,690	1,570	1,590	1,400	11,200	1,840	2,150	2,630	5,630	1,070
9	626	891	2,400	2,320	e1,660	1,440	9,370	1,690	e1,750	1,900	4,420	1,010
10	633	813	2,490	1,930	3,560	1,290	7,320	1,580	e1,840	2,440	3,840	952
11	686	800	2,220	1,630	3,830	1,220	5,740	1,480	e2,070	4,950	3,650	902
12	749	981	1,890	1,470	2,930	1,170	4,890	1,380	e3,650	6,520	3,390	866
13	737	1,050	1,720	1,550	2,440	1,120	4,890	1,300	e4,140	5,010	3,210	834
14	685	974	1,550	4,040	2,320	1,120	4,340	1,240	3,590	4,180	2,850	812
15	662	913	1,370	5,470	2,520	1,120	3,720	1,210	e3,210	3,640	2,680	786
16	652	856	1,280	4,370	2,160	1,730	3,240	1,210	e2,300	3,700	3,550	774
17	629	809	1,240	3,490	1,960	2,630	2,860	1,200	e1,520	3,830	4,600	759
18	616	782	1,220	2,970	1,760	2,190	2,560	1,130	e1,260	3,530	3,810	740
19	679	767	1,200	2,220	1,580	1,820	2,340	1,060	e1,320	2,820	2,810	724
20	2,920	828	1,170	1,880	1,470	e1,580	2,190	1,030	e1,150	2,250	2,220	702
21	3,310	1,890	1,140	1,740	1,420	e1,440	2,070	1,170	1,010	2,010	1,990	679
22	2,020	1,770	1,140	1,650	1,430	e1,680	2,750	1,220	e925	1,850	1,850	669
23	1,450	1,350	3,030	1,580	1,420	3,740	3,460	1,220	e854	1,620	2,200	844
24	e1,300	1,980	4,410	1,460	1,510	3,740	3,700	1,180	e801	1,540	1,880	835
25	1,410	4,770	3,570	1,400	1,560	2,740	3,020	1,020	749	1,380	1,690	1,060
26	1,260	5,430	e2,810	1,390	1,510	4,110	2,780	889	709	1,210	1,610	1,040
27	1,160	3,590	2,660	1,370	e1,520	5,240	3,240	818	693	1,130	1,400	1,240
28	1,040	3,550	2,120	1,340	e2,060	12,300	2,840	773	712	1,070	1,280	1,240
29	955	3,240	1,790	e1,430	---	20,800	2,200	737	1,110	1,140	1,300	1,240
30	901	2,430	1,640	1,770	---	e17,000	2,660	718	1,750	1,920	2,480	1,140
31	901	---	1,540	1,820	---	e10,000	---	771	---	1,910	3,160	---
TOTAL	31,668	48,442	61,050	61,340	56,940	113,500	183,610	60,436	57,403	78,940	100,250	37,318
MEAN	1,022	1,615	1,969	1,979	2,034	3,661	6,120	1,950	1,913	2,546	3,234	1,244
MAX	3,310	5,430	4,410	5,470	3,830	20,800	19,600	8,270	4,140	6,520	10,100	3,780
MIN	616	767	1,140	1,290	1,420	1,120	2,070	718	693	1,070	1,280	669
CFSM	0.80	1.26	1.54	1.55	1.59	2.86	4.78	1.52	1.49	1.99	2.53	0.97
IN.	0.92	1.41	1.77	1.78	1.65	3.30	5.34	1.76	1.67	2.29	2.91	1.08

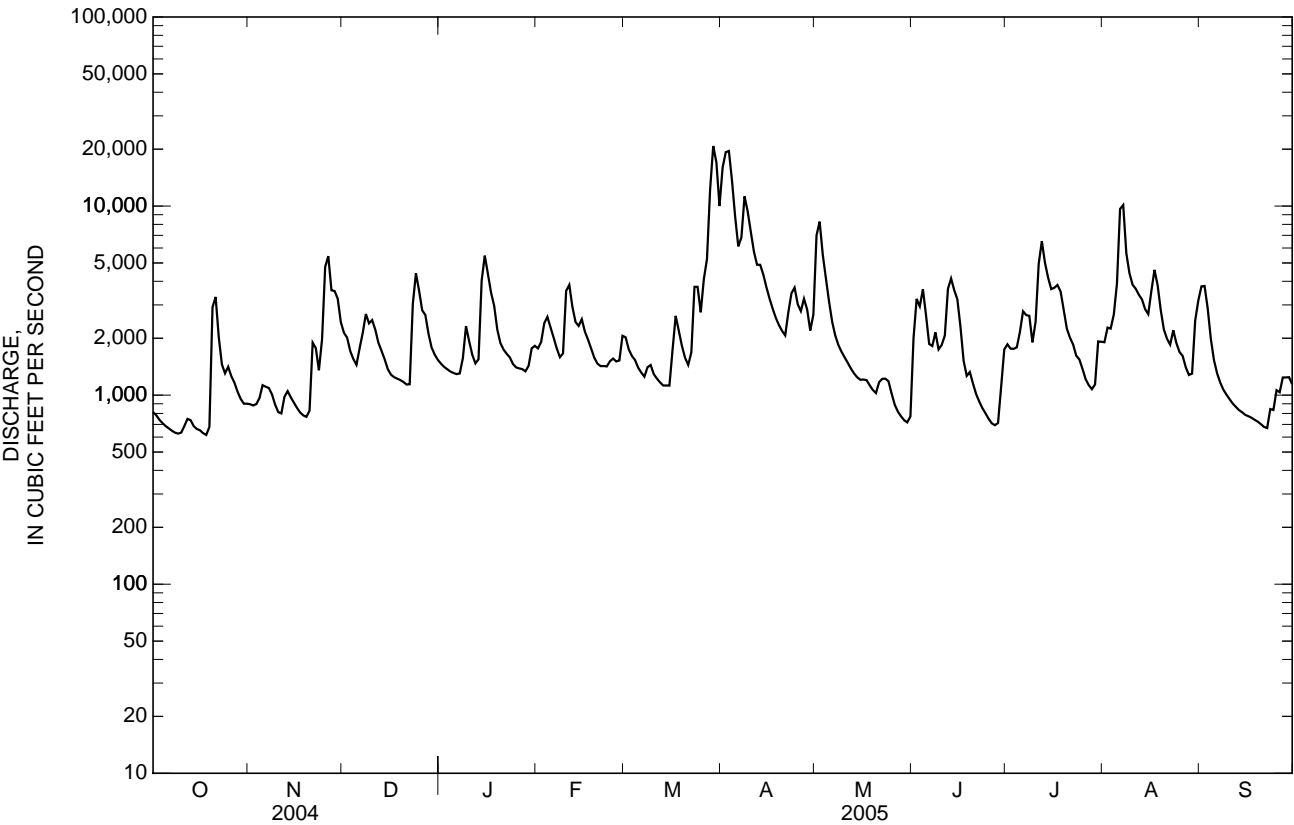
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1922 - 2005, BY WATER YEAR (WY)

MEAN	690	948	1,398	2,440	2,200	2,989	2,437	1,302	1,659	1,536	1,374	947
MAX	1,022	1,615	2,227	7,874	3,402	6,064	6,120	1,980	2,853	3,647	3,234	1,671
(WY)	(2005)	(2005)	(1923)	(1925)	(2004)	(2001)	(2005)	(1923)	(1922)	(2003)	(2005)	(2004)
MIN	474	526	685	841	1,004	1,489	983	441	459	579	387	247
(WY)	(2002)	(1925)	(2002)	(2002)	(2002)	(2002)	(1925)	(2002)	(2002)	(2002)	(1925)	(1925)

CHOCTAWHATCHEE RIVER BASIN
02361500 CHOCTAWHATCHEE RIVER NEAR BELLWOOD, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1922 - 2005	
ANNUAL TOTAL	581,099		890,897		1,693	
ANNUAL MEAN	1,588		2,441		2,441	
HIGHEST ANNUAL MEAN					741	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	8,560	Sep 18	20,800	Mar 29	26,000	Jan 19, 1925
LOWEST DAILY MEAN	439	Aug 9	616	Oct 18	175	Sep 26, 1925
ANNUAL SEVEN-DAY MINIMUM	493	Aug 4	654	Oct 5	196	Sep 20, 1925
MAXIMUM PEAK FLOW			22,400	Mar 30	26,600	Jan 19, 1925
MAXIMUM PEAK STAGE			16.66	Mar 30	18.00	Jan 19, 1925
ANNUAL RUNOFF (CFSM)	1.24		1.91		1.32	
ANNUAL RUNOFF (INCHES)	16.89		25.89		17.97	
10 PERCENT EXCEEDS	3,240		4,160		3,360	
50 PERCENT EXCEEDS	1,140		1,710		1,140	
90 PERCENT EXCEEDS	658		794		466	

e Estimated



GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

CAL YR	2004	MEAN	6.16	MAX	12.66	MIN	3.86
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CHOCTAWHATCHEE RIVER BASIN

02362000 CHOCTAWHATCHEE RIVER NEAR GENEVA, AL

LOCATION.--Lat 31°02'28", long 85°51'08", in SE 1/4 sec. 21, T. 1 N., R. 22 E., on State Highway 52 bridge, 0.8 mi upstream of Double Bridges Creek, 1 mi NE of Geneva, and 1.5 mi upstream of Pea River.

DRAINAGE AREA.--1346 mi².

PERIOD OF RECORD.--October 1922 to November 1925. October 1972 to September 1997 (gage height). November 2002 to current year (gage height).

GAGE.--Water-stage recorder. Datum of gage 62.80 ft above NGVD of 1929.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 27.94 ft, Apr. 3; minimum gage height, 3.33 ft, Oct. 19.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.08	4.30	7.73	5.73	6.29	6.80	24.12	12.23	6.18	6.42	6.55	8.99
2	3.98	4.25	7.25	5.60	6.44	6.32	25.90	15.88	8.34	6.44	6.83	9.79
3	3.89	4.28	6.68	5.48	7.17	5.93	27.76	15.89	9.03	6.23	6.85	9.17
4	3.79	4.58	6.15	5.40	7.90	5.80	27.06	13.17	8.94	6.66	7.29	7.58
5	3.70	5.21	5.80	5.33	7.66	5.58	24.95	10.58	8.96	6.73	8.44	6.39
6	3.65	5.63	5.93	5.28	7.04	5.35	21.96	8.92	7.61	7.90	11.65	5.78
7	3.60	5.07	7.09	5.30	6.51	5.15	19.90	8.04	6.67	7.90	16.11	5.39
8	3.54	4.71	8.31	5.69	6.10	5.38	20.02	7.54	7.13	7.77	15.44	5.12
9	3.50	4.36	8.33	7.13	5.89	5.56	21.00	7.22	6.80	7.12	12.18	4.93
10	3.51	4.10	8.09	7.27	7.39	5.26	19.74	6.98	7.00	6.90	10.40	4.80
11	3.63	4.02	8.17	6.38	9.40	5.07	17.48	6.78	7.29	9.61	10.94	4.66
12	3.88	4.60	7.48	5.86	8.99	4.90	15.38	6.57	8.84	12.32	10.33	4.57
13	3.91	5.12	6.84	5.78	7.76	4.78	14.08	6.39	10.11	13.34	9.41	4.47
14	3.76	4.89	6.22	8.59	7.33	4.78	13.09	6.23	10.06	12.09	9.04	4.40
15	3.65	4.53	5.72	11.12	7.68	4.76	11.78	6.13	9.11	11.25	8.28	4.34
16	3.59	4.28	5.40	12.02	7.47	5.48	10.55	6.21	8.17	10.58	8.37	4.29
17	3.52	4.10	5.25	10.31	6.84	7.25	9.69	6.14	6.70	10.55	10.03	e4.25
18	3.45	3.98	5.16	8.80	6.40	7.38	9.07	5.99	5.87	10.44	10.83	e4.19
19	3.52	3.91	5.09	7.69	5.99	6.52	8.61	5.83	5.75	9.24	9.30	4.14
20	7.27	3.99	4.99	6.78	5.69	5.96	8.28	5.71	5.59	7.87	7.95	4.09
21	9.74	5.51	4.88	6.35	5.55	5.56	8.04	5.80	5.23	7.11	7.36	4.03
22	8.97	6.83	4.87	6.10	5.57	5.65	8.23	6.06	5.00	6.68	7.05	3.97
23	6.91	5.91	7.80	5.90	5.55	8.16	9.23	5.97	4.83	6.29	7.19	4.19
24	5.90	7.25	10.54	5.68	5.66	9.30	---	5.97	4.69	6.21	7.34	4.37
25	6.37	10.56	10.93	5.51	5.80	8.33	---	5.68	4.58	5.88	6.52	4.72
26	6.11	12.10	9.55	5.45	5.70	8.57	---	5.36	4.46	5.44	6.39	4.79
27	5.58	12.03	8.38	5.42	---	12.11	---	5.17	4.40	5.19	6.18	5.18
28	5.09	10.67	7.59	5.36	---	14.38	9.43	5.06	4.42	4.98	5.76	5.48
29	4.69	10.15	6.71	5.40	---	21.07	8.62	4.94	4.88	5.03	5.58	5.34
30	4.44	8.99	6.20	5.92	---	24.61	8.76	4.89	5.99	5.85	6.74	5.18
31	4.34	---	5.92	6.39	---	24.87	---	4.89	---	6.72	8.35	---
MEAN	4.70	6.00	6.94	6.61	---	8.28	---	7.36	6.75	7.83	8.73	5.29
MAX	9.74	12.10	10.93	12.02	---	24.87	---	15.89	10.11	13.34	16.11	9.79
MIN	3.45	3.91	4.87	5.28	---	4.76	---	4.89	4.40	4.98	5.58	3.97

CAL YR 2004 MEAN 5.95 MAX 19.06 MIN 2.93

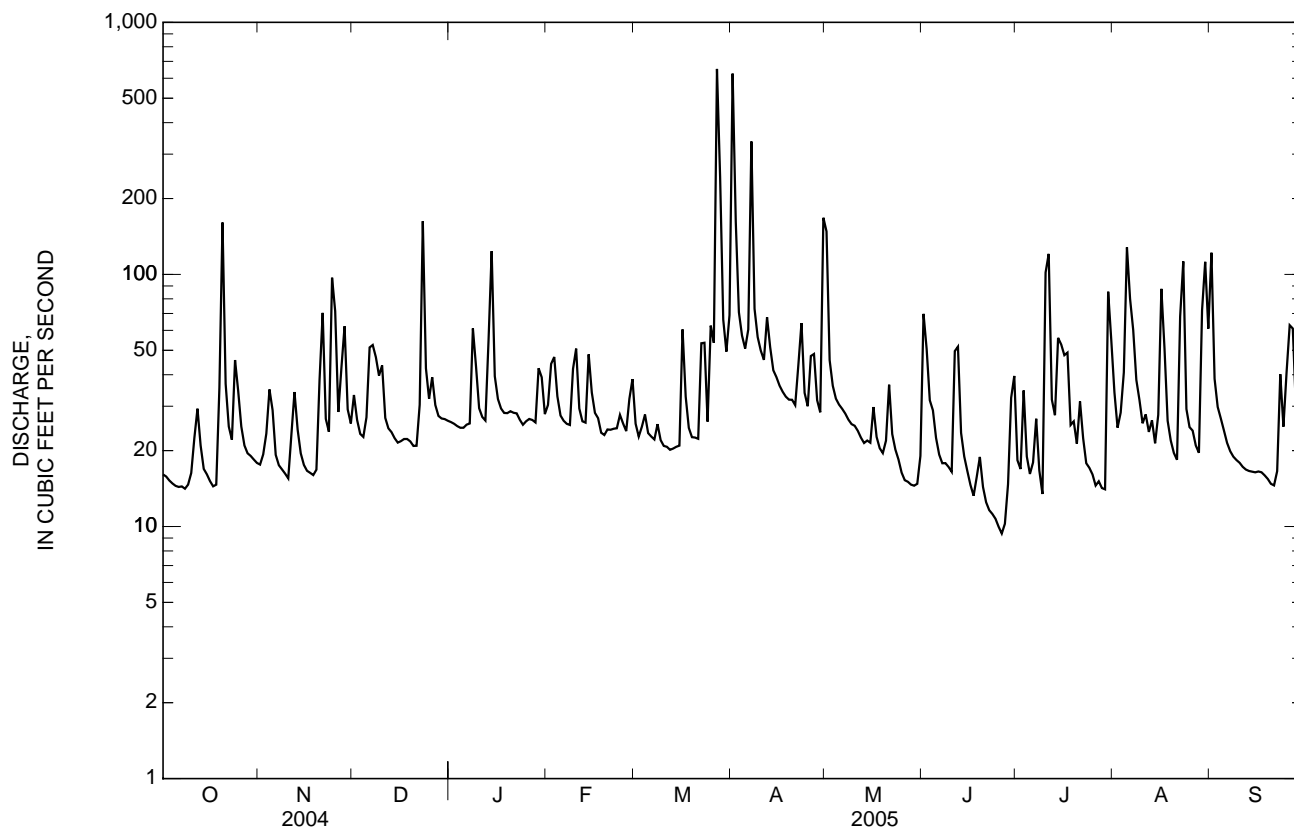
e Estimated

CHOCTAWHATCHEE RIVER BASIN

02362240 LITTLE DOUBLE BRIDGES CREEK NEAR ENTERPRISE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1985 - 2005	
ANNUAL TOTAL	11,460.1		13,824.4		35.3	
ANNUAL MEAN	31.3		37.9		63.3	
HIGHEST ANNUAL MEAN					13.9	
LOWEST ANNUAL MEAN					5,000	
HIGHEST DAILY MEAN	668	Sep 16	653	Mar 27	1.1	Mar 17, 1990
LOWEST DAILY MEAN	8.5	May 30	9.4	Jun 26	1.3	Jul 20, 2000
ANNUAL SEVEN-DAY MINIMUM	10	May 24	11	Jun 21	14,200	Aug 11, 2000
MAXIMUM PEAK FLOW			1,380	Mar 27	16.45	Jul 6, 1994
MAXIMUM PEAK STAGE			9.40	Mar 27	3.4	Jul 6, 1994
INSTANTANEOUS LOW FLOW					1.65	Jul 19, 2001
ANNUAL RUNOFF (CFSM)	1.46		1.77		22.44	
ANNUAL RUNOFF (INCHES)	19.92		24.03		60	
10 PERCENT EXCEEDS	53		61		22	
50 PERCENT EXCEEDS	21		26		8.9	
90 PERCENT EXCEEDS	13		16			

e Estimated



02363000 PEA RIVER NEAR ARITON, AL

LOCATION.--Lat 31°35'41", long 85°46'59", in SW $\frac{1}{4}$ sec. 7, T. 7 N., R. 23 E., Dale County, on left bank at downstream side of abandoned bridge, and about 20 ft upstream from bridge on U.S. Highway 231, 2.2 mi downstream from Bryors Mill Creek, 2.8 mi downstream from Atlantic Coast Line Railroad bridge, 3.5 mi west of Ariton, and at mile 92.5.

DRAINAGE AREA.--498 mi².

PERIOD OF RECORD.--October 1938 to September 1970, October 1970 to September 1982 (flood hydrograph), October 1982 to September 1987 (annual peak discharge), October 1987 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-01-1: 2000.

GAGE.--Water-stage recorder. Datum of gage is 246.72 ft above NGVD of 1929. Prior to Nov. 22, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Feb. 27 and Sep. 25. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, about 25 ft, present site and datum, March 1929, from information by local residents (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 29	2000	*12,500	*18.17	Apr 3	2300	7,460	16.29

Minimum discharge, 50 ft³/s, June 28, gage height 2.06 ft; Sept. 24, 25, gage height, 1.94 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100	164	663	285	571	694	3,630	1,360	155	154	412	858
2	96	156	664	274	642	686	4,490	1,280	275	164	372	771
3	92	153	615	264	876	653	6,330	1,160	414	353	284	682
4	87	280	520	248	965	560	6,090	1,010	539	1,840	297	538
5	82	427	460	238	963	443	3,310	765	432	1,060	313	371
6	77	407	583	228	932	381	1,990	473	417	921	358	251
7	95	350	637	224	868	343	2,600	364	462	816	388	194
8	72	274	655	279	638	337	2,550	306	352	552	707	157
9	68	221	694	320	606	322	3,030	264	671	401	1,200	136
10	69	186	961	313	992	305	3,300	233	799	567	1,230	117
11	71	171	1,040	293	1,050	288	2,140	211	799	1,230	1,100	102
12	76	194	863	279	1,130	277	1,510	190	1,010	1,180	923	92
13	81	278	666	379	1,050	260	1,260	177	986	1,140	871	84
14	82	336	489	1,120	938	249	1,080	163	993	1,130	720	79
15	83	305	357	1,230	790	244	933	153	905	1,510	583	75
16	79	259	284	1,220	735	442	823	158	713	1,330	643	70
17	73	216	249	1,160	669	631	686	138	369	1,100	599	66
18	69	191	231	1,140	580	690	566	129	231	1,040	1,040	63
19	71	177	222	797	486	623	480	120	180	993	1,310	60
20	181	176	210	468	422	526	437	104	145	857	1,320	58
21	473	201	197	384	387	444	406	107	120	639	1,120	56
22	514	225	196	349	374	451	469	107	103	706	699	55
23	344	254	739	322	365	620	918	107	89	553	604	53
24	276	547	961	298	400	778	851	101	79	496	658	52
25	430	1,100	987	274	453	731	755	93	69	469	725	e53
26	485	1,240	939	258	465	707	909	82	61	286	691	79
27	359	1,220	812	252	e485	2,560	1,170	75	56	201	523	138
28	257	1,160	606	243	637	3,920	874	69	53	163	339	197
29	212	1,010	429	352	---	9,220	616	65	104	169	322	254
30	189	787	354	632	---	7,870	822	61	154	203	556	215
31	178	---	308	581	---	3,640	---	71	---	464	814	---
TOTAL	5,421	12,665	17,591	14,704	19,469	39,895	55,025	9,696	11,735	22,687	21,721	5,976
MEAN	175	422	567	474	695	1,287	1,834	313	391	732	701	199
MAX	514	1,240	1,040	1,230	1,130	9,220	6,330	1,360	1,010	1,840	1,320	858
MIN	68	153	196	224	365	244	406	61	53	154	284	52
CFSM	0.35	0.85	1.14	0.95	1.40	2.58	3.68	0.63	0.79	1.47	1.41	0.40
IN.	0.40	0.95	1.31	1.10	1.45	2.98	4.11	0.72	0.88	1.69	1.62	0.45

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

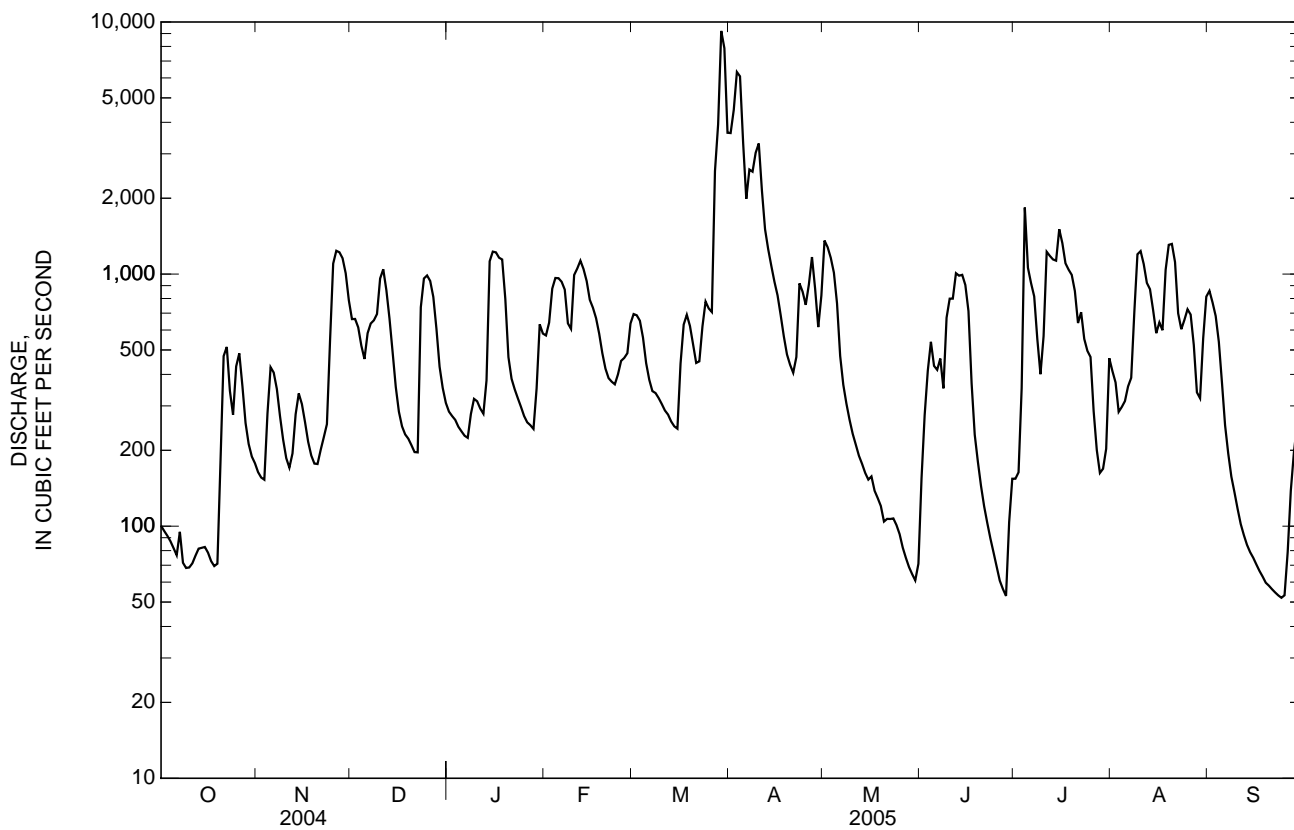
MEAN	212	335	633	862	1,062	1,424	1,003	442	341	424	318	235
MAX	1,404	2,305	2,558	2,930	2,147	4,272	3,411	1,693	1,222	3,587	1,526	961
(WY)	(1965)	(1949)	(1954)	(1943)	(1998)	(1990)	(1944)	(1953)	(1970)	(1994)	(1939)	(1956)
MIN	10.5	37.1	98.8	212	246	183	134	33.0	15.2	7.39	20.6	13.6
(WY)	(1988)	(1942)	(1956)	(1989)	(2000)	(1955)	(1967)	(2000)	(2000)	(2000)	(1988)	(1954)

CHOCTAWHATCHEE RIVER BASIN

02363000 PEA RIVER NEAR ARITON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	165,714		236,585		606	
ANNUAL MEAN	453		648		1,094	
HIGHEST ANNUAL MEAN					171	
LOWEST ANNUAL MEAN					38,200	
HIGHEST DAILY MEAN	3,760	Jan 28	9,220	Mar 29	38,200	Mar 18, 1990
LOWEST DAILY MEAN	30	Aug 9	52	Sep 24	3.3	Jul 29, 2000
ANNUAL SEVEN-DAY MINIMUM	40	Aug 4	55	Sep 19	4.0	Jul 24, 2000
MAXIMUM PEAK FLOW			12,500	Mar 31	47,700	Mar 17, 1990
MAXIMUM PEAK STAGE			18.17	Mar 31	24.87	Mar 17, 1990
ANNUAL RUNOFF (CFSM)	0.909		1.30		1.22	
ANNUAL RUNOFF (INCHES)	12.38		17.67		16.52	
10 PERCENT EXCEEDS	1,060		1,160		1,380	
50 PERCENT EXCEEDS	240		414		303	
90 PERCENT EXCEEDS	69		82		47	

e Estimated



DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.34	6.71	8.69	7.79	8.48	8.33	22.43	12.53	8.25	7.54	7.43	9.85
2	6.40	6.66	8.53	7.73	8.64	8.17	22.30	10.48	8.24	7.34	7.06	8.72
3	6.67	6.78	8.32	7.68	9.22	8.07	18.62	9.33	8.40	6.30	7.75	7.80
4	6.63	8.01	8.10	7.72	9.20	8.04	16.96	8.38	8.43	9.36	8.41	7.16
5	6.56	8.46	8.02	7.86	8.90	7.82	17.00	7.83	8.11	9.57	12.40	6.41
6	6.50	7.90	9.18	7.84	8.67	7.63	13.78	7.14	7.65	8.91	10.73	5.47
7	6.49	7.56	8.93	7.83	8.56	7.41	18.02	6.57	7.93	8.65	9.03	5.04
8	6.40	7.27	8.90	8.43	8.42	7.22	14.98	6.30	8.09	8.23	9.37	4.53
9	6.32	6.99	9.02	8.45	9.26	6.85	13.53	6.01	9.18	7.71	9.48	4.07
10	6.34	6.81	9.70	8.02	10.20	6.70	13.15	5.67	8.74	8.00	9.69	4.39
11	6.55	6.83	9.51	7.86	9.39	6.77	12.42	5.83	9.06	10.08	9.37	6.25
12	6.77	7.38	9.12	7.74	9.02	6.58	11.24	6.31	9.93	9.83	9.23	5.64
13	6.73	7.36	8.60	8.17	8.93	6.20	10.31	6.87	9.37	9.72	9.68	4.37
14	6.58	7.32	8.28	11.28	9.24	6.61	9.49	6.62	8.96	9.14	8.92	6.18
15	6.53	7.20	8.02	10.08	9.06	6.36	8.90	6.88	8.55	10.19	8.55	5.97
16	6.46	7.00	7.84	9.65	8.69	7.81	8.35	6.82	8.25	10.23	10.75	6.48
17	6.34	6.86	7.72	9.13	8.45	8.33	7.92	5.51	7.77	9.32	9.00	7.04
18	6.26	6.76	7.67	8.93	8.24	8.05	7.55	5.14	7.00	8.77	8.65	6.68
19	6.32	6.68	7.59	8.76	8.07	7.57	7.25	5.20	5.98	8.45	9.08	6.68
20	8.17	6.78	7.52	8.26	7.92	7.27	7.05	6.27	6.08	8.13	9.10	6.39
21	8.02	7.21	7.45	8.02	7.85	7.06	6.97	4.97	6.99	7.55	8.86	6.11
22	8.15	7.15	7.44	7.91	7.83	7.18	8.04	5.41	5.03	6.95	8.28	6.16
23	7.81	7.09	9.72	7.78	7.71	8.23	8.50	6.05	6.10	7.06	7.83	6.21
24	7.69	8.50	9.47	7.66	7.83	7.94	8.38	6.57	6.35	6.85	7.36	6.08
25	8.02	10.26	9.22	7.60	7.83	8.51	7.95	5.74	6.20	6.90	7.23	7.25
26	7.98	9.91	9.05	7.57	7.80	8.36	7.93	6.56	5.74	5.75	7.24	6.44
27	7.68	9.92	8.78	7.58	7.96	18.25	8.73	6.80	5.51	5.81	6.83	8.27
28	7.31	9.97	8.48	7.45	8.42	22.27	8.34	6.66	5.28	4.91	6.02	7.89
29	7.03	9.23	8.19	7.82	---	18.08	7.40	6.59	5.22	4.68	5.51	7.30
30	6.95	8.77	8.00	8.96	---	17.04	9.83	6.37	7.12	6.62	8.27	6.55
31	6.80	---	7.88	8.56	---	18.63	---	6.30	---	6.97	8.61	---
MEAN	6.93	7.71	8.48	8.26	8.56	9.33	11.44	6.76	7.45	7.92	8.57	6.45
MAX	8.17	10.26	9.72	11.28	10.20	22.27	22.43	12.53	9.93	10.23	12.40	9.85
MIN	6.26	6.66	7.44	7.45	7.71	6.20	6.97	4.97	5.03	4.68	5.51	4.07
WTR YR	2005	MEAN 8.15	MAX 22.43	MIN 4.07								

CHOCTAWHATCHEE RIVER BASIN

02364500 PEA RIVER NEAR SAMSON, AL

LOCATION.--Lat 31°06'45", long 86°05'58", in SW 1/4 SE 1/4 sec. 25, T. 2 N., R. 19 E., Geneva County, Hydrologic Unit 03140202, at Alabama Highway 52 bridge, 500 ft downstream of Boyenton Creek, 6.5 mi upstream of Flat Creek, and 3 mi north of Samson.

DRAINAGE AREA.--1,182 mi².

PERIOD OF RECORD.--September 1904 to August 1913, October 1922 to September 1925, October 1935 to September 1970, October 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 97.95 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Feb. 27, 28, May 6, 19. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
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No peak greater than base discharge.

Minimum discharge, 266 ft³/s, Sept. 14, gage height, 4.33 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	690	734	2,020	1,230	1,600	1,610	13,500	6,180	1,200	628	1,180	2,870
2	678	708	1,980	1,190	1,840	1,460	16,700	5,270	1,970	675	1,090	2,640
3	628	770	1,700	1,160	2,250	1,350	16,000	3,630	1,800	1,100	1,160	1,820
4	628	1,030	1,520	1,130	2,330	1,350	13,100	2,710	1,930	940	1,330	1,390
5	604	2,160	1,380	1,090	2,110	1,260	10,700	2,300	1,640	2,880	2,990	1,140
6	580	1,480	1,990	1,090	1,880	1,130	9,540	e2,020	1,120	2,190	5,590	961
7	559	1,130	2,360	1,080	1,730	1,040	9,670	1,650	959	1,870	3,400	792
8	557	960	2,430	1,300	1,620	1,060	10,200	1,390	1,210	1,530	2,740	699
9	545	843	2,170	2,070	1,540	1,070	8,550	1,230	1,630	1,100	2,640	651
10	543	759	2,870	1,570	3,320	984	6,970	1,150	2,020	1,310	2,810	575
11	589	755	2,610	1,340	2,640	920	6,180	1,030	2,100	3,320	2,970	409
12	683	1,040	2,430	1,230	2,240	898	5,450	973	2,960	3,270	2,510	485
13	690	1,060	2,010	1,370	2,060	887	4,740	863	2,640	3,010	2,780	574
14	628	978	1,670	3,700	2,170	810	3,690	891	2,220	2,940	2,520	362
15	583	918	1,440	3,620	2,430	860	3,090	867	1,840	2,930	2,040	442
16	564	839	1,290	2,860	2,020	1,240	2,710	982	1,460	3,450	3,160	435
17	529	770	1,200	2,390	1,790	2,000	2,440	981	1,160	3,100	3,290	356
18	504	719	1,150	2,080	1,570	1,600	2,240	820	915	2,350	2,190	434
19	618	691	1,110	1,970	1,410	1,450	2,070	e741	823	1,990	2,160	389
20	2,540	723	1,070	1,700	1,300	1,280	1,960	622	725	1,730	2,310	379
21	2,020	1,240	1,030	1,410	1,230	1,170	1,820	791	476	1,460	2,240	414
22	1,800	1,020	1,060	1,310	1,200	1,340	2,040	710	687	1,220	2,070	345
23	1,430	932	2,810	1,230	1,190	1,890	2,380	600	429	1,170	1,910	412
24	1,360	1,510	3,070	1,150	1,210	1,660	2,580	553	441	1,280	1,430	442
25	1,700	3,710	2,440	1,100	1,260	1,730	2,320	657	432	923	1,280	470
26	1,420	3,030	2,270	1,080	1,250	2,330	2,240	496	426	1,000	1,660	693
27	1,280	2,980	2,100	1,060	e1,270	5,150	2,600	483	416	727	1,290	1,260
28	1,040	3,410	1,810	1,050	e1,610	13,200	2,550	505	393	665	1,120	1,120
29	901	2,680	1,570	1,100	---	14,200	2,150	473	461	709	929	946
30	822	2,190	1,390	1,760	---	11,800	2,560	473	502	1,010	1,450	838
31	772	---	1,300	1,890	---	10,300	---	511	---	1,190	2,110	---
TOTAL	28,485	41,769	57,250	49,310	50,070	89,029	172,740	42,552	36,985	53,667	68,349	24,743
MEAN	919	1,392	1,847	1,591	1,788	2,872	5,758	1,373	1,233	1,731	2,205	825
MAX	2,540	3,710	3,070	3,700	3,320	14,200	16,700	6,180	2,960	3,450	5,590	2,870
MIN	504	691	1,030	1,050	1,190	810	1,820	473	393	628	929	345
CFSM	0.78	1.18	1.56	1.35	1.51	2.43	4.87	1.16	1.04	1.46	1.87	0.70
IN.	0.90	1.31	1.80	1.55	1.58	2.80	5.44	1.34	1.16	1.69	2.15	0.78

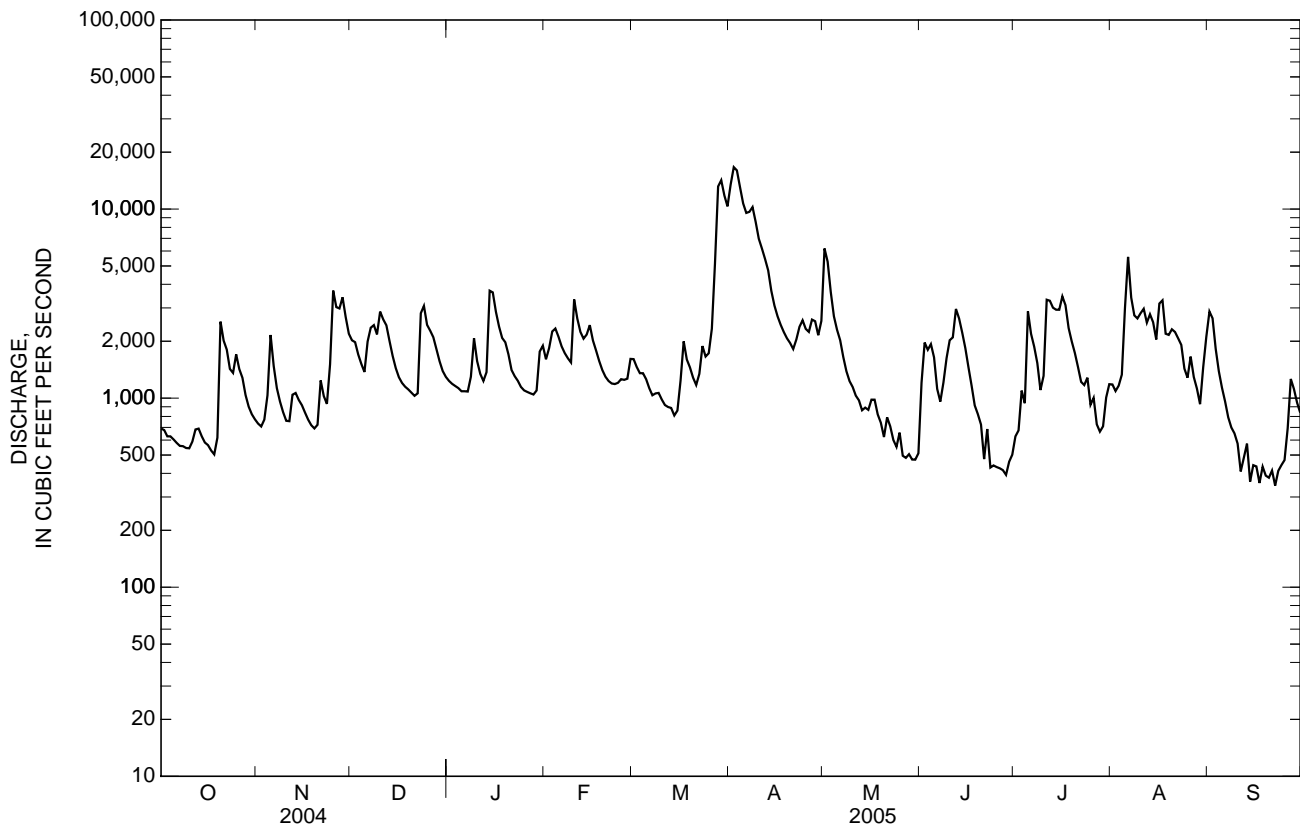
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1904 - 2005, BY WATER YEAR (WY)

MEAN	693	886	1,744	2,544	2,746	3,280	2,870	1,439	1,055	1,237	1,201	960
MAX	3,198	3,931	7,607	10,150	5,648	8,013	8,256	5,115	3,905	3,863	3,735	4,036
(WY)	(1965)	(1949)	(1954)	(1925)	(1908)	(1913)	(1960)	(1946)	(1970)	(1940)	(1939)	(1937)
MIN	120	217	360	592	889	539	504	319	203	296	160	108
(WY)	(1969)	(1955)	(1956)	(1909)	(1911)	(1955)	(1967)	(1941)	(1968)	(1925)	(1954)	(1954)

02364500 PEA RIVER NEAR SAMSON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1904 - 2005	
ANNUAL TOTAL	545,498		714,949		1,703	
ANNUAL MEAN	1,490		1,959		2,799	
HIGHEST ANNUAL MEAN					686	
LOWEST ANNUAL MEAN					1911	
HIGHEST DAILY MEAN	11,900	Sep 18	16,700	Apr 2	28,800	Jan 19, 1925
LOWEST DAILY MEAN	246	Aug 10	345	Sep 22	63	Oct 26, 1935
ANNUAL SEVEN-DAY MINIMUM	323	Aug 4	390	Sep 17	93	Sep 30, 1954
MAXIMUM PEAK FLOW			17,000	Apr 2	30,000	Jan 20, 1925
MAXIMUM PEAK STAGE			31.51	Apr 2	42.00	Jan 20, 1925
ANNUAL RUNOFF (CFSM)	1.26		1.66		1.44	
ANNUAL RUNOFF (INCHES)	17.17		22.50		19.58	
10 PERCENT EXCEEDS	3,040		3,080		3,750	
50 PERCENT EXCEEDS	955		1,330		1,010	
90 PERCENT EXCEEDS	503		562		308	

e Estimated



BLACKWATER RIVER BASIN

02369800 BLACKWATER RIVER NEAR BRADLEY, AL
(Hydrologic Bench-Mark Station)

LOCATION.--Lat 31°01'39", long 86°42'36", in SE ¼ SW ¼ sec. 24, T. 1 N., R. 13 E., Escambia County, Hydrologic Unit 03140104, in Conecuh National Forest, near left bank on downstream side of bridge on county road, and 1 mi east of Bradley.

DRAINAGE AREA.--87.7 mi².

PERIOD OF RECORD.--October 1967 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 121.87 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Oct. 18, Apr. 27, and May 11. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	0900	1,900	12.56	Apr 7	2030	1,730	12.04
Apr 1	2200	*3,730	*15.84				

Minimum discharge, 51 ft³/s, on several days, gage height, 1.12 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	63	85	238	143	130	128	1,900	766	148	81	157	371
2	61	82	238	135	209	113	2,490	582	149	69	117	279
3	59	159	212	128	263	112	1,080	361	116	82	128	201
4	57	510	181	124	242	130	604	257	147	65	237	157
5	56	760	171	119	197	120	411	207	139	68	339	132
6	54	489	232	117	163	108	369	220	114	68	382	114
7	53	312	263	115	144	98	1,360	200	92	78	327	99
8	52	223	313	200	131	98	1,190	169	93	65	221	89
9	53	176	264	268	126	93	643	147	146	61	167	82
10	61	150	239	241	133	89	440	133	121	167	166	77
11	87	199	206	189	128	85	341	e123	201	433	559	72
12	99	375	179	158	120	81	409	115	395	318	588	69
13	87	390	160	179	113	79	487	105	280	319	357	66
14	74	311	145	343	149	78	385	98	277	217	243	64
15	69	233	134	329	160	78	296	95	199	223	187	62
16	64	187	126	263	144	156	244	95	131	203	467	61
17	60	162	122	202	128	179	208	88	101	149	353	59
18	e58	144	118	170	118	146	182	82	86	122	267	58
19	104	132	114	154	106	118	164	78	77	108	213	57
20	279	129	109	145	101	105	154	77	70	139	172	55
21	324	150	106	137	98	117	152	86	65	121	143	54
22	291	147	128	131	96	117	233	79	61	101	125	54
23	214	152	453	124	95	135	236	73	57	89	157	63
24	173	227	485	119	106	123	207	73	56	78	147	61
25	185	334	341	115	111	106	177	65	53	70	115	69
26	185	295	272	113	104	112	202	62	52	65	162	165
27	151	264	236	110	112	555	e240	60	53	62	142	305
28	126	312	204	107	142	1,610	206	59	55	59	113	185
29	112	279	179	124	---	771	169	58	68	59	181	117
30	100	230	162	131	---	441	306	56	75	81	797	92
31	92	---	151	126	---	427	---	66	---	176	566	---
TOTAL	3,503	7,598	6,481	5,059	3,869	6,708	15,485	4,735	3,677	3,996	8,295	3,389
MEAN	113	253	209	163	138	216	516	153	123	129	268	113
MAX	324	760	485	343	263	1,610	2,490	766	395	433	797	371
MIN	52	82	106	107	95	78	152	56	52	59	113	54
CFSTM	1.29	2.89	2.38	1.86	1.58	2.47	5.89	1.74	1.40	1.47	3.05	1.29
IN.	1.49	3.22	2.75	2.15	1.64	2.85	6.57	2.01	1.56	1.69	3.52	1.44

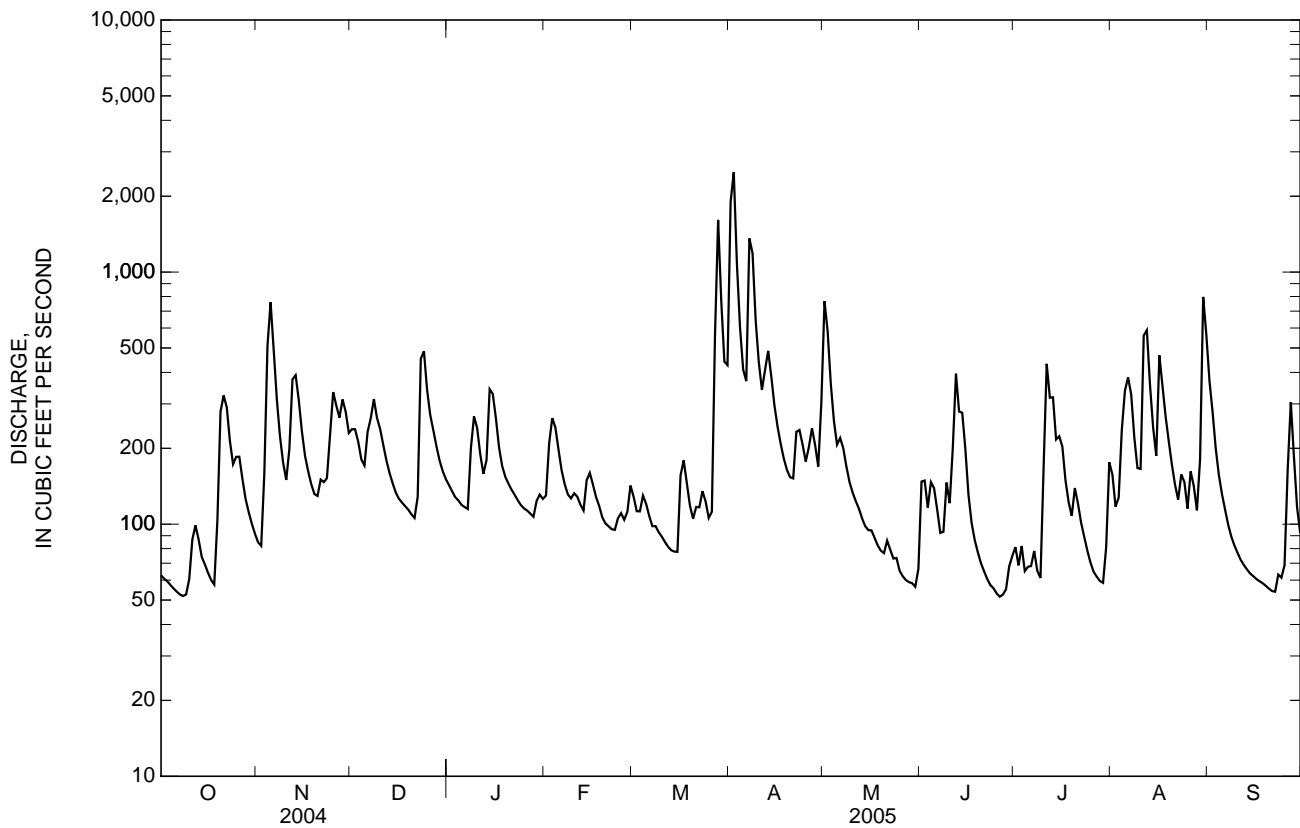
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)
1968	92.0	516	22.5	(1996)
1969	110	438	31.8	(1990)
1970	135	528	38.2	(1973)
1971	176	414	47.3	(1978)
1972	200	428	58.4	(1985)
1973	253	1,207	51.7	(1990)
1974	169	516	39.5	(2005)
1975	129	591	24.2	(1978)
1976	134	749	22.2	(1970)
1977	117	571	26.2	(1994)
1978	117	560	34.5	(1975)
1979	115	675	25.6	(1998)
1980				
1981				
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2005				

02369800 BLACKWATER RIVER NEAR BRADLEY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1968 - 2005	
ANNUAL TOTAL	54,576		72,795		145	
ANNUAL MEAN	149		199		281	
HIGHEST ANNUAL MEAN					45.7	
LOWEST ANNUAL MEAN					16,000	
HIGHEST DAILY MEAN	2,110	Sep 17	2,490	Apr 2	16,000	Mar 17, 1990
LOWEST DAILY MEAN	37	May 31	52	Oct 8	17	Jun 11, 2000
ANNUAL SEVEN-DAY MINIMUM	44	May 25	55	Oct 3	18	Jun 7, 2000
MAXIMUM PEAK FLOW			3,730	Apr 1	24,000	Mar 17, 1990
MAXIMUM PEAK STAGE			15.84	Apr 1	25.35	Mar 17, 1990
ANNUAL RUNOFF (CFSM)	1.70		2.27		1.66	
ANNUAL RUNOFF (INCHES)	23.15		30.88		22.51	
10 PERCENT EXCEEDS	311		364		274	
50 PERCENT EXCEEDS	92		135		84	
90 PERCENT EXCEEDS	50		63		38	

e Estimated



ESCAMBIA RIVER MAIN STEM

02371500 CONECUH RIVER AT BRANTLEY, AL

LOCATION.--Lat 31°34'24", long 86°15'06", in SW 1/4 SE 1/4 sec. 16, T. 7 N., R. 18 E., Crenshaw County, Hydrologic Unit 03140301, on left bank 10 ft upstream from bridge on U.S. Highway 331 and State Highway 52, 0.5 mi downstream from Moody Mill Creek, 0.8 mi southeast of Brantley, and at mile 112.3.

DRAINAGE AREA.--500 mi².

PERIOD OF RECORD.--October 1937 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 226.2 ft above NGVD of 1929 (levels by the U.S. Army Corps of Engineers). Prior to Nov. 1, 1938, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Nov. 20 - Dec. 1, Jan. 14-28, Jan. 31 - Feb. 8, Feb. 10-14, 17-25, Mar. 1-3, 5-11, Apr. 22, 23, May 13, June 7-9, Aug. 15-18, and 20. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, about 26 ft, present site and datum, March 1929, from information by local residents; discharge not determined.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	2000	6,300	17.78	Apr 4	1700	*6,650	*18.10

Minimum discharge, 81 ft³/s, June 28, gage height, 1.51 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	258	242	e1,100	449	e593	e522	5,750	1,180	232	250	265	793
2	241	221	959	413	e713	e578	5,470	1,130	525	161	292	676
3	227	208	905	393	e803	e547	4,320	1,040	786	219	356	615
4	214	367	723	382	e765	565	6,110	979	499	384	470	549
5	201	508	647	370	e784	e465	5,560	857	390	570	1,380	451
6	189	543	818	361	e840	e428	4,020	717	296	605	1,020	341
7	180	516	832	354	e934	e403	3,760	594	e395	687	624	262
8	172	452	800	383	e803	e384	3,200	503	e506	674	597	216
9	166	364	897	432	658	e372	2,570	455	e655	615	555	188
10	168	296	1,120	427	e753	e378	2,950	408	791	661	583	167
11	184	267	1,010	413	e740	e359	3,480	368	654	946	660	152
12	202	319	829	401	e784	340	2,920	337	879	996	1,470	141
13	209	381	762	395	e815	327	2,420	e311	807	1,180	1,450	132
14	195	394	680	e608	e828	318	1,880	290	595	1,390	1,320	125
15	181	379	587	e702	701	314	1,510	288	446	1,530	e749	119
16	168	352	507	e807	710	352	1,260	257	372	2,010	e783	114
17	160	316	455	e853	e628	389	1,090	232	316	1,830	e929	111
18	153	284	426	e763	e578	495	905	213	249	1,920	e1,410	108
19	154	259	406	e673	e503	550	754	197	201	1,710	1,270	104
20	303	e293	389	e532	e447	579	666	181	164	1,640	e1,280	102
21	458	e340	377	e467	e459	557	611	174	140	1,380	1,330	99
22	560	e373	371	e445	e390	465	e689	163	124	1,020	1,220	97
23	474	e378	698	e427	e403	457	e859	153	112	780	1,130	104
24	415	e761	802	e402	e422	427	967	143	102	548	853	100
25	495	e1,500	771	e380	e483	418	991	132	94	428	545	123
26	579	e1,280	780	e366	496	418	1,030	123	88	359	445	254
27	554	e1,310	769	e348	488	718	958	115	84	301	366	384
28	463	e1,510	684	e326	495	1,230	862	109	82	260	316	452
29	379	e1,710	592	396	---	1,290	804	102	123	244	283	325
30	319	e1,350	510	404	---	2,510	871	98	180	248	492	240
31	274	---	463	e510	---	5,760	---	111	---	268	691	---
TOTAL	8,895	17,473	21,669	14,582	18,016	22,915	69,237	11,960	10,887	25,814	25,134	7,644
MEAN	287	582	699	470	643	739	2,308	386	363	833	811	255
MAX	579	1,710	1,120	853	934	5,760	6,110	1,180	879	2,010	1,470	793
MIN	153	208	371	326	390	314	611	98	82	161	265	97
CFSM	0.57	1.16	1.40	0.94	1.29	1.48	4.62	0.77	0.73	1.67	1.62	0.51
IN.	0.66	1.30	1.61	1.08	1.34	1.70	5.15	0.89	0.81	1.92	1.87	0.57

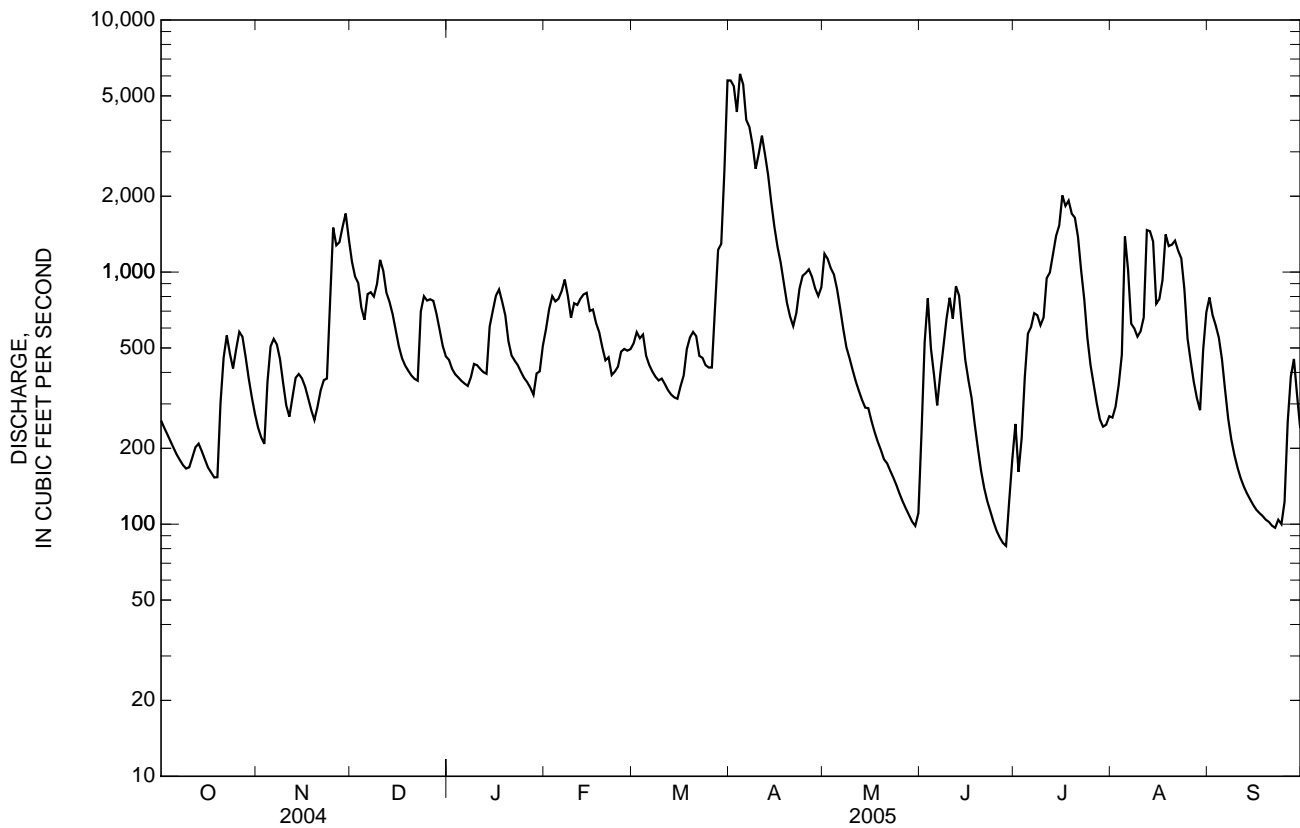
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	230	348	649	927	1,157	1,529	1,146	546	390	422	338	254
MAX	1,794	2,702	2,695	2,782	2,922	4,000	4,033	2,646	2,163	3,291	2,683	1,721
(WY)	(1976)	(1949)	(1954)	(1943)	(1961)	(1944)	(1944)	(1953)	(1989)	(1994)	(1939)	(1961)
MIN	21.9	63.1	106	154	276	206	134	58.3	32.2	32.2	23.5	27.6
(WY)	(2001)	(1955)	(1955)	(1981)	(2000)	(1955)	(1967)	(2000)	(2000)	(2000)	(2000)	(1954)

02371500 CONECUH RIVER AT BRANTLEY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	212,383		254,226		659	
ANNUAL MEAN	580		697		1,193	
HIGHEST ANNUAL MEAN					192	
LOWEST ANNUAL MEAN					23,100	
HIGHEST DAILY MEAN	4,520	Sep 18	6,110	Apr 4	14	Mar 18, 1990
LOWEST DAILY MEAN	57	Aug 8	82	Jun 28	15	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	67	Aug 3	98	Jun 23	25,700	Mar 18, 1990
MAXIMUM PEAK FLOW			6,650	Apr 1	24.51	Feb 19, 1975
MAXIMUM PEAK STAGE			18.10	Apr 1	1.32	
ANNUAL RUNOFF (CFSM)	1.16		1.39		17.90	
ANNUAL RUNOFF (INCHES)	15.80		18.91		1,470	
10 PERCENT EXCEEDS	1,300		1,300		339	
50 PERCENT EXCEEDS	376		463		71	
90 PERCENT EXCEEDS	152		161			

e Estimated



02372250 PATSALIGA CREEK NEAR BRANTLEY, AL

LOCATION.--Lat 31°35'46", long 86°24'20", in SE ¼ NE ¼ sec. 12, T. 7 N., R. 16 E., Crenshaw County, Hydrologic Unit 03140302, near left bank on downstream side of bridge on State Highway 106, 3.0 mi north of Leon, and 10.9 mi northwest of Brantley.

DRAINAGE AREA.--442 mi².

PERIOD OF RECORD.--October 1974 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 220 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 27, 28, March 6-28. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 30	0800	*9.280	*20.83	Apr 4	0800	7.330	20.25

Minimum discharge, 94 ft³/s, Sept. 22, gage height, 3.90 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	251	249	1,190	424	674	600	4,100	1,150	256	219	378	687
2	236	235	1,030	414	827	635	4,500	1,110	333	162	351	696
3	224	233	874	408	1,010	639	5,230	1,050	367	207	391	545
4	217	296	724	395	984	555	6,580	976	324	371	661	370
5	202	400	652	384	1,030	450	4,350	775	258	431	1,290	281
6	189	420	893	378	1,080	408	e3,770	515	210	473	1,050	235
7	178	400	902	414	1,090	384	e3,530	448	183	738	640	204
8	171	324	905	456	921	371	e3,070	444	326	741	486	180
9	166	263	1,080	485	676	366	e2,310	425	809	630	441	164
10	168	230	1,290	476	852	355	e4,640	372	1,180	648	470	152
11	183	233	1,030	451	831	345	e3,870	332	1,370	1,250	397	142
12	208	380	887	422	898	328	e3,050	304	1,220	1,180	599	133
13	225	464	852	426	931	312	e2,430	278	929	1,160	730	126
14	218	421	777	848	952	302	e2,090	256	895	1,240	619	120
15	200	412	616	906	800	297	e1,750	236	696	1,500	498	116
16	189	344	518	937	696	366	e1,460	222	423	1,660	529	113
17	179	282	468	952	663	548	e1,340	211	294	1,410	759	109
18	166	249	445	911	606	659	e1,030	204	240	1,190	1,230	106
19	165	242	436	688	524	692	e934	192	202	1,200	1,690	105
20	394	320	418	499	465	669	e886	176	175	1,150	1,970	105
21	533	372	402	450	433	523	e862	167	155	854	1,900	102
22	634	405	399	429	418	472	e886	174	141	520	808	99
23	647	398	600	411	410	475	e1,150	166	130	462	505	99
24	494	805	754	389	418	467	e1,220	152	121	395	566	99
25	614	1,740	802	368	444	465	e1,250	143	113	317	465	105
26	628	1,670	840	357	458	443	e1,200	132	106	262	394	206
27	668	1,720	808	351	e470	675	e1,080	121	100	235	332	494
28	541	2,010	672	347	e567	1,470	e886	114	99	219	283	679
29	374	2,120	521	372	---	2,800	810	110	98	202	253	658
30	301	1,760	464	479	---	7,990	817	109	188	484	440	365
31	269	---	437	589	---	4,820	---	141	---	426	589	---
TOTAL	9,832	19,397	22,686	15,816	20,128	29,881	71,081	11,205	11,941	21,936	21,714	7,595
MEAN	317	647	732	510	719	964	2,369	361	398	708	700	253
MAX	668	2,120	1,290	952	1,090	7,990	6,580	1,150	1,370	1,660	1,970	696
MIN	165	230	399	347	410	297	810	109	98	162	253	99
CFSM	0.72	1.46	1.66	1.15	1.63	2.18	5.36	0.82	0.90	1.60	1.58	0.57
IN.	0.83	1.63	1.91	1.33	1.69	2.51	5.98	0.94	1.00	1.85	1.83	0.64

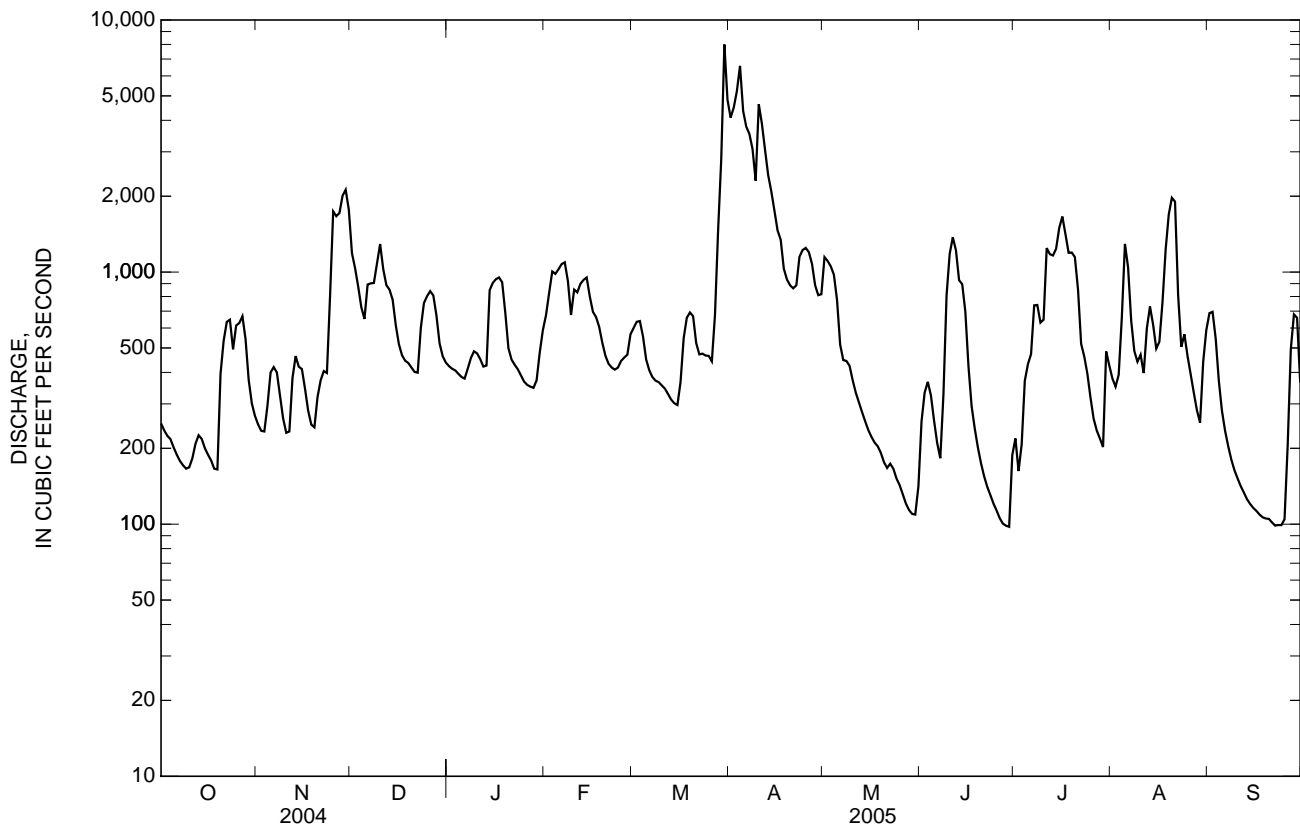
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

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02372250 PATSALIGA CREEK NEAR BRANTLEY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	212,466		263,212		613	
ANNUAL MEAN	581		721		1,084	
HIGHEST ANNUAL MEAN					169	
LOWEST ANNUAL MEAN					34,000	
HIGHEST DAILY MEAN	10,400	Sep 19	7,990	Mar 30	11	Mar 18, 1990
LOWEST DAILY MEAN	53	Aug 8	98	Jun 29	13	Jul 20, 2000
ANNUAL SEVEN-DAY MINIMUM	60	Aug 3	102	Sep 19	43,600	Mar 17, 1990
MAXIMUM PEAK FLOW			9,280	Mar 30	25.67	Mar 17, 1990
MAXIMUM PEAK STAGE			20.83	Mar 30	1.39	
ANNUAL RUNOFF (CFSM)	1.31		1.63		18.83	
ANNUAL RUNOFF (INCHES)	17.88		22.15		1,420	
10 PERCENT EXCEEDS	1,290		1,270		317	
50 PERCENT EXCEEDS	362		456		69	
90 PERCENT EXCEEDS	132		166			

e Estimated



LOCATION.--Lat 31°21'40", long 86°31'11", in NE ¼ sec. 35, T. 5 N., R. 15 E., Covington County, Hydrologic Unit 03140301, on right bank wingwall of Point A Dam, 1.65 mi upstream of U.S. Highway 84 bridge, 1.4 mi northeast of River Falls, 4 mi northwest of Andalusia, and at mile 79.50.

PERIOD OF RECORD.--June 1999 to current year. National Weather Service gage located at bridge 1.65 mi downstream. This station, "Conecuh River at River Falls," 02372430 was operated as an observer site from 1928 to 1996. Gage height records published in reports of National Weather Service for period November 1928 to December 1971 and reports of Geological Survey for period January 1972 to September 1996. NWS gage was to same datum as current site.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records good. Gage is located downstream of Point A Dam. Generally, flows less than 2,500 ft³/s can be regulated by operation of Point A Dam.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 27	1830	8,000	18.12	Aug 5	1300	12,800	26.06
Apr 1	2100	*17,800	*34.65	Aug 18	1030	7,620	17.51
Apr 13	0000	8,470	18.88				

Minimum discharge, 35 ft³/s, Oct. 19, Nov. 9, Sept. 13, gage height, 7.23 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	946	628	3,880	1,180	1,830	1,780	15,700	3,600	801	541	1,560	3,720
2	194	1,050	3,140	1,350	2,290	1,610	17,000	3,140	1,290	704	1,780	2,710
3	938	1,290	2,440	811	2,560	1,890	15,300	2,630	2,150	754	2,020	1,760
4	629	1,780	2,110	1,340	2,700	1,590	11,900	2,450	1,480	1,020	1,800	1,470
5	525	1,210	2,190	1,050	2,570	1,530	12,800	2,150	1,080	1,160	7,170	1,150
6	856	1,320	2,550	896	2,340	1,170	13,700	2,280	838	1,230	7,120	1,050
7	257	1,440	2,870	1,060	2,400	1,490	13,800	1,400	787	1,840	3,930	809
8	668	1,040	2,030	1,620	2,720	1,070	11,600	1,180	676	1,250	1,580	809
9	613	975	3,050	1,440	2,410	1,010	9,750	1,720	1,730	1,650	1,580	811
10	624	833	3,600	1,150	2,370	1,120	7,300	987	2,340	2,340	1,850	749
11	595	1,310	3,110	1,240	2,560	987	6,350	995	2,900	2,850	1,580	610
12	654	1,580	2,360	1,070	2,000	1,110	7,790	945	2,490	2,660	2,860	565
13	441	1,540	1,910	1,450	2,410	796	7,390	699	2,530	2,750	3,390	483
14	563	1,270	2,180	2,150	2,430	802	5,980	980	1,770	2,610	2,960	557
15	758	1,250	1,690	2,040	2,690	1,110	4,370	742	1,640	2,900	2,360	534
16	745	1,070	1,630	1,960	2,350	1,170	3,280	599	1,270	4,350	2,620	390
17	399	905	1,050	1,870	1,830	1,620	3,040	799	653	4,010	2,130	300
18	722	658	978	2,260	1,830	1,320	2,360	668	755	3,480	4,290	424
19	609	911	1,510	1,760	1,550	1,660	2,230	508	755	3,370	4,010	512
20	1,430	1,060	1,140	1,870	1,590	1,610	1,860	621	735	3,090	3,580	519
21	1,360	1,300	1,140	1,570	1,400	1,330	1,480	752	451	3,280	3,510	502
22	1,090	1,100	1,180	1,150	1,420	1,570	1,320	578	537	2,630	3,800	203
23	1,330	990	2,490	936	1,170	1,210	1,810	531	468	1,780	3,380	426
24	1,930	2,540	2,110	1,180	1,070	1,390	2,640	397	414	1,250	1,780	659
25	1,360	3,590	1,860	1,150	1,410	1,400	2,280	470	366	1,050	1,700	422
26	1,660	4,280	2,220	1,120	1,240	1,420	2,960	446	267	951	1,860	1,920
27	1,370	3,590	2,020	1,020	e1,450	5,230	2,730	484	318	1,060	1,040	1,680
28	1,200	3,570	1,720	1,160	e1,190	4,330	2,870	397	507	718	1,150	1,290
29	1,200	4,340	1,820	1,040	---	4,560	2,240	337	509	738	1,160	1,790
30	839	3,990	1,220	1,530	---	4,340	3,380	292	436	1,370	2,700	723
31	783	---	1,420	1,130	---	7,390	---	782	---	1,760	1,990	---
TOTAL	27,288	52,410	64,618	42,553	55,780	60,615	197,210	34,559	32,943	61,146	84,240	29,547
MEAN	880	1,747	2,084	1,373	1,992	1,955	6,574	1,115	1,098	1,972	2,717	985
MAX	1,930	4,340	3,880	2,260	2,720	7,390	17,000	3,600	2,900	4,350	7,170	3,720
MIN	194	628	978	811	1,070	796	1,320	292	267	541	1,040	203
CFSM	0.69	1.37	1.64	1.08	1.56	1.54	5.16	0.88	0.86	1.55	2.13	0.77
IN.	0.80	1.53	1.89	1.24	1.63	1.77	5.76	1.01	0.96	1.79	2.46	0.68

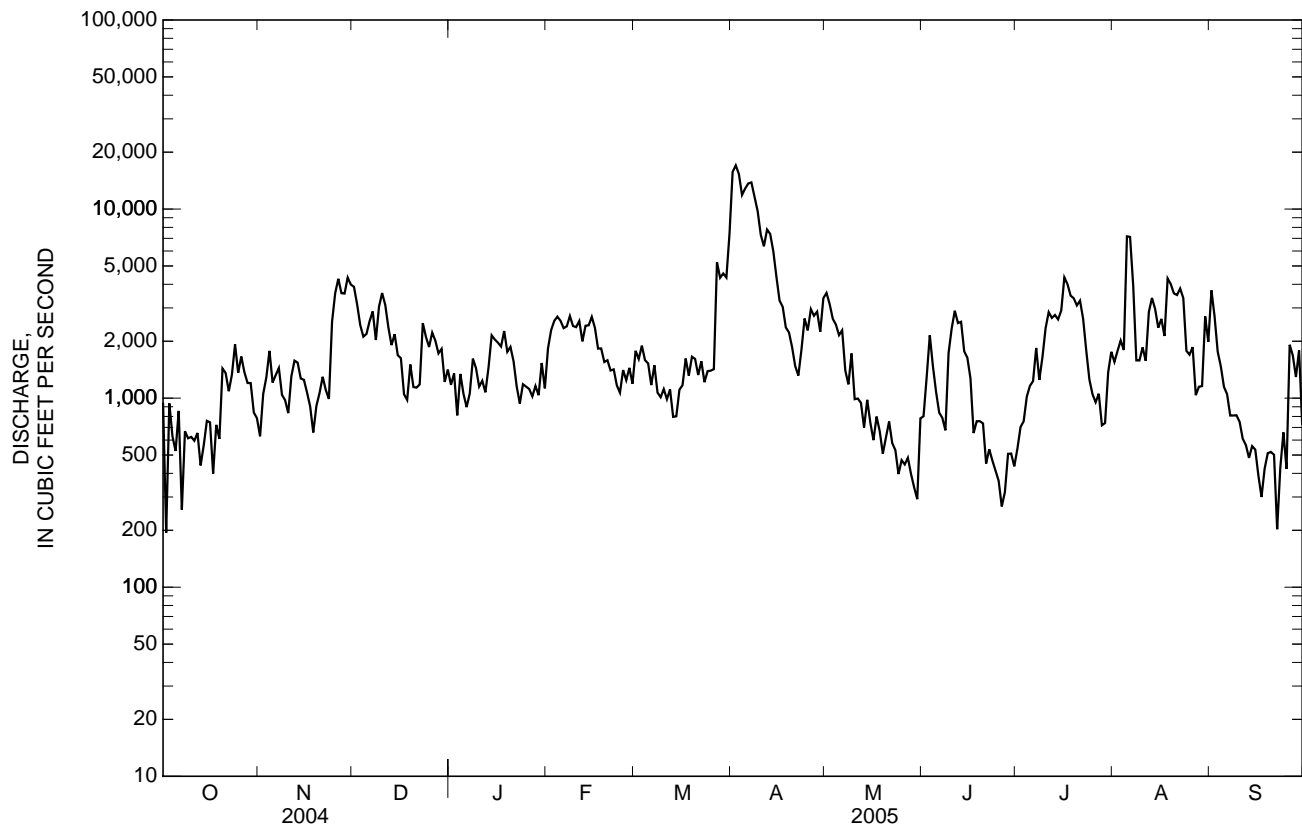
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

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02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 1999 - 2005	
ANNUAL TOTAL	586,001			742,909			1,520	
ANNUAL MEAN	1,601			2,035			2,651	
HIGHEST ANNUAL MEAN							429	
LOWEST ANNUAL MEAN							30,100	
HIGHEST DAILY MEAN	12,100	Sep 21		17,000	Apr 2		Mar 7, 2001	2003
LOWEST DAILY MEAN	43	Jul 29		194	Oct 2		Aug 13, 2000	
ANNUAL SEVEN-DAY MINIMUM	183	Aug 3		402	Jun 24		Jul 20, 2000	
MAXIMUM PEAK FLOW				17,800	Apr 1		32,100	Mar 7, 2001
MAXIMUM PEAK STAGE				34.65	Apr 1		42.58	Mar 7, 2001
ANNUAL RUNOFF (CFSM)	1.26			1.60			1.19	
ANNUAL RUNOFF (INCHES)	17.12			21.71			16.22	
10 PERCENT EXCEEDS	3,600			3,590			3,520	
50 PERCENT EXCEEDS	1,100			1,430			900	
90 PERCENT EXCEEDS	402			551			134	

e Estimated



ESCAMBIA RIVER MAIN STEM

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.72	8.31	11.59	8.98	9.58	9.55	31.10	11.25	8.57	8.24	9.31	11.59
2	7.55	8.85	10.73	9.16	9.99	9.40	33.33	10.72	9.03	8.46	9.56	10.36
3	8.66	9.05	10.09	8.58	10.20	9.65	30.40	10.24	9.88	8.53	9.77	9.55
4	8.32	9.56	9.84	9.09	10.31	9.40	24.55	10.11	9.24	8.81	9.58	9.29
5	8.01	9.02	9.88	8.85	10.19	9.35	26.20	9.88	8.89	8.97	17.44	8.95
6	8.63	9.13	10.23	8.68	10.03	8.98	27.61	9.99	8.63	9.06	16.69	8.85
7	7.66	9.20	10.49	8.85	10.06	9.31	27.89	9.07	8.57	9.62	11.92	8.59
8	8.41	8.80	9.76	9.41	10.37	8.87	24.07	8.98	8.42	9.06	9.39	8.59
9	8.33	8.65	10.61	9.26	10.07	8.81	20.97	9.51	9.51	9.44	9.38	8.60
10	8.35	8.60	11.33	8.96	10.04	8.92	16.97	8.55	10.10	10.10	9.63	8.52
11	8.31	9.12	10.82	9.05	10.17	8.78	15.41	8.73	10.55	10.49	9.38	8.34
12	8.37	9.38	10.06	8.87	9.73	8.91	17.78	8.73	10.16	10.31	10.47	8.28
13	7.92	9.35	9.66	9.26	10.07	8.58	17.12	8.46	10.21	10.39	11.00	8.11
14	8.08	9.01	9.90	9.88	10.08	8.58	14.80	8.76	9.55	10.36	10.56	8.20
15	8.44	9.06	9.48	9.79	10.28	8.83	12.37	8.51	9.43	10.57	10.09	8.23
16	8.51	8.87	9.43	9.73	10.03	8.98	10.89	8.30	9.04	12.23	10.27	8.01
17	7.82	8.67	8.84	9.65	9.60	9.39	10.69	8.55	8.39	11.81	9.86	7.86
18	8.44	8.24	8.76	9.96	9.60	9.00	10.04	8.39	8.53	11.16	12.50	8.06
19	8.08	8.69	9.29	9.55	9.37	9.45	9.94	8.20	8.53	11.13	11.87	8.20
20	9.15	8.86	8.91	9.64	9.40	9.36	9.62	8.35	8.50	10.85	11.24	8.21
21	9.15	9.12	8.94	9.38	9.17	9.09	9.24	8.52	8.11	10.89	11.14	8.18
22	8.89	8.90	8.98	8.95	9.25	9.38	9.06	8.29	8.23	10.27	11.51	7.67
23	9.16	8.55	10.15	8.73	8.97	8.94	9.55	8.22	8.14	9.56	11.19	8.03
24	9.68	10.32	9.81	8.97	8.87	9.17	10.29	8.03	8.05	9.03	9.56	8.40
25	9.19	11.25	9.57	8.95	9.22	9.17	9.98	8.13	7.98	8.85	9.49	8.06
26	9.45	12.14	9.93	8.92	9.05	9.19	10.59	8.10	7.80	8.72	9.64	9.56
27	9.20	11.28	9.76	8.81	e9.35	13.70	10.36	8.16	7.88	8.85	8.80	9.47
28	9.01	11.32	9.50	8.96	e9.34	12.33	10.46	8.01	8.19	8.47	8.94	9.01
29	9.03	12.35	9.60	8.84	---	12.56	9.94	7.92	8.19	8.47	8.93	9.51
30	8.62	11.72	9.02	9.35	---	12.31	11.28	7.85	8.09	9.15	10.52	8.47
31	8.38	---	9.24	8.92	---	17.14	---	8.50	---	9.54	9.73	---
MEAN	8.57	9.51	9.81	9.16	9.73	9.84	16.42	8.81	8.81	9.72	10.62	8.69
MAX	9.68	12.35	11.59	9.96	10.37	17.14	33.33	11.25	10.55	12.23	17.44	11.59
MIN	7.55	8.24	8.76	8.58	8.87	8.58	9.06	7.85	7.80	8.24	8.80	7.67
CAL YR	2004	MEAN 9.40	MAX 24.89	MIN 7.28								
WTR YR	2005	MEAN 9.97	MAX 33.33	MIN 7.55								

e Estimated

02372430 CONECUH RIVER AT RIVER FALLS, AL

LOCATION.--Lat 31°20'53", long 86°31'46", in NW ¼ sec. 2, T. 4 N., R. 15 E., Covington County, Hydrologic Unit 03140301, on downstream handrail of State Highway 55 bridge, 0.8 mi east of River Falls.

DRAINAGE AREA.--1,277 mi².

PERIOD OF RECORD.--November 1928 to September 1979, October 1980 to September 1996, November 2003 to September 2005 (discontinued) (gage heights only). October 1971 to September 1979, October 1980 to September 1996 in reports of Geological Survey. November 1928 to December 1971 in reports of National Weather Service.

GAGE.--Nonrecording gage. Datum of gage is 120.80 ft above NGVD of 1929. Prior to June 23, 1934, nonrecording gage located on left bank 1,400 ft upstream at datum 2.88 ft higher. June 23, 1934, to March 3, 1953, nonrecording gage on downstream side of bridge located 1,000 ft upstream at datum 2.88 ft higher

REMARKS.--Some regulation at low flow by Point A Lake 1.0 mi upstream and Gantt Reservoir 8 mi upstream

EXTREMES (AT 0700) FOR PERIOD OF RECORD.--Maximum gage height, 52.5 ft, March 15, 1929; minimum gage height, -1.8 ft, September 11, 1938.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 33.80 ft, Apr. 1; minimum gage height, 1.67 ft, Oct. 19.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.59	3.66	10.15	5.05	6.21	5.99	29.96	9.71	4.36	3.43	6.09	9.92
2	2.52	4.89	8.90	5.43	7.00	5.66	32.74	8.94	5.00	3.94	6.68	8.13
3	4.32	5.64	7.44	4.56	7.50	6.12	30.00	7.79	6.80	4.10	6.77	6.25
4	3.90	6.44	6.82	5.37	7.90	5.66	24.11	7.36	5.60	4.58	6.77	5.84
5	2.95	5.22	7.13	4.81	7.54	5.50	25.25	6.71	4.70	4.95	15.49	5.04
6	4.29	5.46	7.85	4.45	7.04	4.71	26.89	6.93	4.19	5.11	16.06	4.71
7	2.62	5.53	8.33	4.80	7.20	5.42	27.23	5.19	4.09	6.66	10.68	4.25
8	3.68	4.83	6.72	5.74	7.87	4.48	23.51	4.95	3.96	5.30	6.31	4.23
9	3.77	4.60	8.89	5.74	7.24	4.57	20.35	5.84	5.94	6.17	6.32	4.23
10	3.63	4.41	9.46	4.95	7.41	4.66	16.10	4.14	7.37	---	7.22	4.03
11	3.65	5.30	9.00	5.08	7.40	4.52	14.53	4.51	8.38	---	5.78	3.66
12	3.99	5.68	7.41	4.90	6.58	4.94	16.90	4.40	7.77	8.22	8.72	3.54
13	2.85	5.79	6.56	5.51	7.20	4.14	16.30	4.23	7.56	8.16	9.46	3.34
14	3.48	5.25	6.86	7.60	7.27	4.19	13.87	4.50	6.21	---	8.80	3.41
15	3.65	5.10	6.14	7.34	7.82	4.83	11.14	3.98	5.94	8.86	7.35	3.63
16	4.05	4.86	5.94	6.78	7.06	5.06	9.29	3.65	5.16	11.12	8.51	3.23
17	2.75	4.49	4.84	6.61	6.04	5.60	8.67	3.95	3.80	10.55	7.59	2.88
18	3.99	3.82	4.81	7.42	6.08	5.34	7.29	3.81	4.11	9.68	11.00	3.19
19	3.21	4.44	5.64	6.39	5.77	5.80	6.94	3.32	4.11	9.48	10.41	3.48
20	5.92	4.86	4.92	6.60	5.81	5.67	6.23	3.67	4.05	8.90	9.57	3.49
21	5.52	5.47	4.96	5.74	5.29	5.22	5.41	4.12	3.21	8.98	9.43	3.48
22	4.83	4.91	4.91	4.97	5.33	5.62	5.30	3.65	3.41	7.90	9.85	2.60
23	5.51	4.34	7.73	4.50	5.03	5.06	6.06	3.46	3.26	6.44	9.51	3.19
24	6.65	7.55	6.75	4.97	4.68	5.17	7.64	3.05	3.10	5.34	6.44	4.04
25	5.63	9.72	6.42	4.81	5.27	5.45	6.97	3.20	2.92	4.72	6.42	3.33
26	6.07	10.82	6.99	4.80	4.89	5.44	8.36	3.21	2.64	4.33	6.51	6.27
27	5.49	9.80	6.62	4.74	---	12.87	7.92	3.30	2.72	4.77	4.75	6.27
28	5.15	9.82	6.15	4.89	---	11.11	8.30	2.95	3.40	3.95	4.92	5.38
29	5.18	11.00	6.44	4.62	---	11.27	6.93	2.91	3.45	4.00	5.11	6.14
30	4.42	10.37	5.11	5.75	---	10.76	9.14	2.67	3.18	5.34	8.32	4.18
31	4.17	---	5.44	4.91	---	15.94	---	3.89	---	6.30	7.20	---
MEAN	4.27	6.14	6.82	5.48	---	6.35	14.64	4.64	4.68	---	8.19	4.51
MAX	6.65	11.00	10.15	7.60	---	15.94	32.74	9.71	8.38	---	16.06	9.92
MIN	2.52	3.66	4.81	4.45	---	4.14	5.30	2.67	2.64	---	4.75	2.60

02373000 SEPULGA RIVER NEAR MCKENZIE, AL

LOCATION.--Lat 31°27'13", long 86°47'13", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 30, T. 6 N., R. 13 E., Conecuh County, Hydrologic Unit 03140303, on left bank 100 ft downstream from bridge on U.S. Highway 31, 0.38 mi upstream from Old Town Creek, 2.5 mi upstream from Piney Woods Creek, 5.5 mi downstream from Persimmon Creek, and 7 mi southwest of McKenzie.

DRAINAGE AREA.--470 mi².

PERIOD OF RECORD.--October 1937 to September 1967, October 1968 to September 1970 (annual peak discharge only), October 1974 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 155.96 ft above NGVD of 1929 (levels by the U.S. Army Corps of Engineers). Prior to Mar. 25, 1939, nonrecording gage, and Mar. 26, 1939, to July 29, 1960, recording gage at same site and datum.

REMARKS.--Estimated daily discharges: Feb. 27, 28, Mar. 6, 9, 10, 12. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached a stage of 33.0 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 26	1630	3,610	8.39	Apr 9	1400	6,950	12.47
Mar 30	1700	6,380	11.75	Apr 14	0800	3,930	8.79
Apr 3	2230	*11,900	*18.52	Jul 13	0600	4,640	9.68

Minimum discharge, 97 ft³/s, Oct. 19, June 29, gage height, 3.37 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	155	323	1,730	420	690	495	5,230	1,260	384	126	890	1,080
2	146	293	1,380	395	1,360	496	7,700	1,350	1,190	134	659	752
3	137	453	1,100	373	2,470	451	11,200	1,040	1,360	133	641	557
4	130	925	896	353	2,990	389	11,000	867	805	128	787	463
5	122	1,680	791	337	2,640	351	7,260	732	498	208	1,450	365
6	116	1,390	1,000	338	2,040	e327	3,530	588	342	229	1,740	276
7	110	1,130	1,320	339	1,560	308	4,070	435	269	217	1,670	231
8	106	962	1,280	371	1,030	297	5,160	388	236	239	1,400	203
9	103	860	1,170	394	802	e291	6,750	351	239	191	1,450	184
10	105	538	1,260	432	1,310	e285	5,500	317	232	432	1,960	168
11	111	459	1,220	431	1,830	279	3,360	288	358	1,980	2,470	154
12	113	623	1,060	403	1,490	e263	2,870	264	1,220	3,180	2,070	144
13	111	941	879	525	1,220	245	3,510	243	1,790	4,340	1,650	136
14	110	888	703	1,730	1,070	237	3,830	221	1,510	2,250	1,960	128
15	112	719	569	2,720	922	233	2,790	207	730	1,240	1,380	122
16	114	591	498	2,620	856	329	1,960	197	456	2,100	845	118
17	110	463	455	1,800	744	487	1,450	189	329	2,470	783	163
18	103	385	428	1,350	616	619	964	190	268	2,030	656	126
19	108	347	405	991	515	562	704	191	245	1,920	649	116
20	489	345	381	655	455	459	576	171	216	1,470	600	109
21	1,060	394	361	552	420	389	518	157	180	1,050	490	105
22	1,080	567	375	502	397	402	596	148	159	844	365	103
23	724	629	925	456	386	573	548	141	143	645	534	121
24	877	1,390	1,930	411	381	742	550	136	131	586	1,420	115
25	1,410	3,090	2,040	375	386	749	562	129	124	557	890	140
26	1,610	3,540	1,290	353	385	584	654	122	114	420	625	663
27	1,280	3,150	994	337	e404	918	802	117	106	322	509	1,480
28	872	2,680	736	322	e460	2,470	758	112	101	275	361	940
29	613	2,550	565	344	---	3,460	621	106	105	250	451	533
30	459	2,120	493	456	---	5,870	862	106	176	406	1,240	456
31	371	---	452	596	---	5,050	---	121	---	589	1,770	---
TOTAL	13,067	34,425	28,686	21,681	29,829	28,610	95,885	10,884	14,016	30,961	34,365	10,251
MEAN	422	1,148	925	699	1,065	923	3,196	351	467	999	1,109	342
MAX	1,610	3,540	2,040	2,720	2,990	5,870	11,200	1,350	1,790	4,340	2,470	1,480
MIN	103	293	361	322	381	233	518	106	101	126	361	103
CFSM	0.90	2.44	1.97	1.49	2.27	1.96	6.80	0.75	0.99	2.12	2.36	0.73
IN.	1.03	2.72	2.27	1.72	2.36	2.26	7.59	0.86	1.11	2.45	2.72	0.81

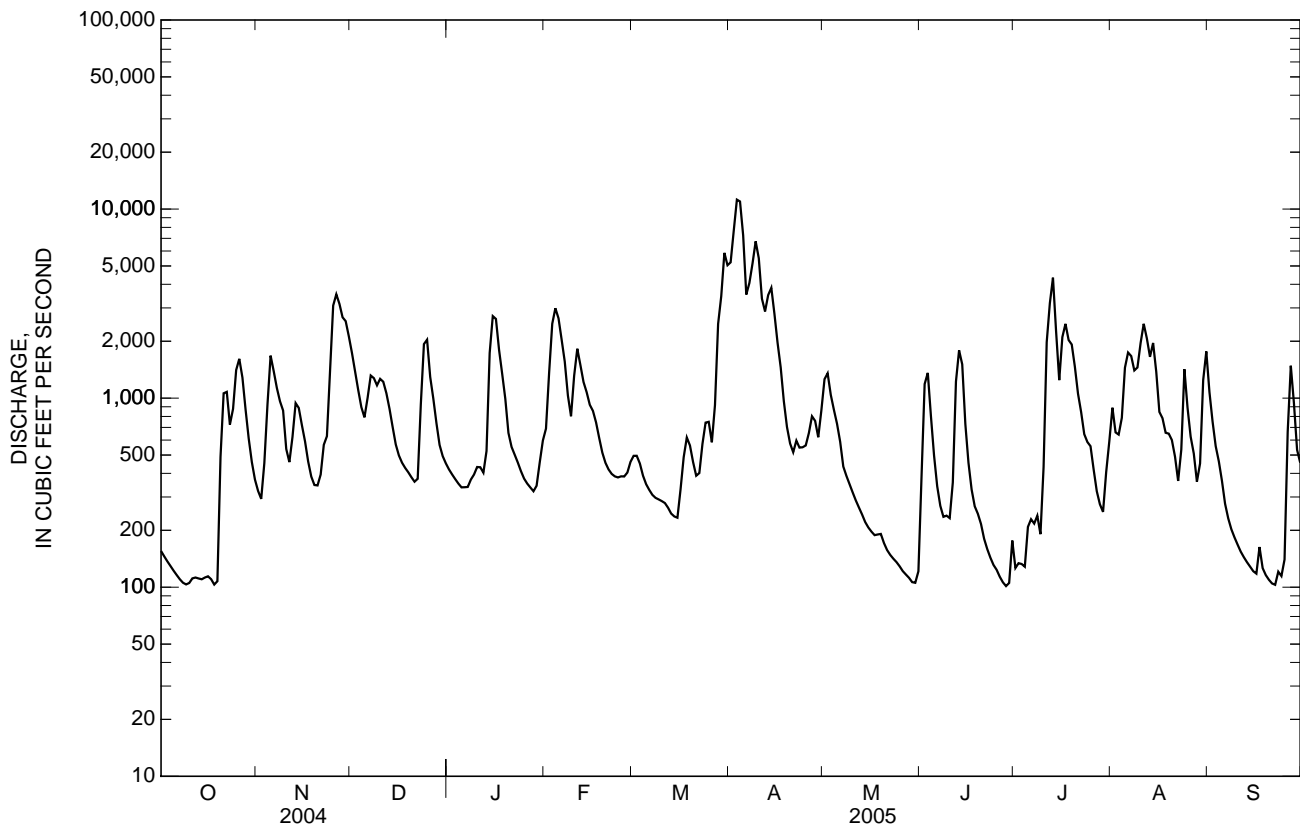
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

MEAN	209	330	603	973	1,261	1,703	1,205	500	375	382	301	218
MAX	2,449	3,381	2,779	3,332	4,255	5,505	4,418	2,271	1,960	2,674	2,227	1,188
(WY)	(1999)	(1949)	(1954)	(1946)	(1961)	(2001)	(1944)	(1978)	(2001)	(1994)	(1939)	(1946)
MIN	5.04	15.9	40.8	72.5	142	106	121	30.6	19.2	12.5	11.1	4.71
(WY)	(2001)	(1955)	(1955)	(1956)	(1950)	(1955)	(1967)	(2000)	(2000)	(2000)	(1954)	(1954)

02373000 SEPULGA RIVER NEAR MCKENZIE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	224,335		352,660		669	
ANNUAL MEAN	613		966		1,314	
HIGHEST ANNUAL MEAN					108	
LOWEST ANNUAL MEAN					29,700	
HIGHEST DAILY MEAN	6,240	Sep 19	11,200	Apr 3	29,700	Oct 1, 1998
LOWEST DAILY MEAN	40	Aug 8	101	Jun 28	2.6	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	49	Aug 4	108	Oct 7	3.2	Oct 30, 2000
MAXIMUM PEAK FLOW			11,900	Apr 3	32,800	Oct 1, 1998
MAXIMUM PEAK STAGE			18.52	Apr 3	27.19	Oct 1, 1998
ANNUAL RUNOFF (CFSM)	1.30		2.06		1.42	
ANNUAL RUNOFF (INCHES)	17.76		27.91		19.33	
10 PERCENT EXCEEDS	1,420		2,080		1,700	
50 PERCENT EXCEEDS	316		518		219	
90 PERCENT EXCEEDS	86		127		39	

e Estimated



LOCATION.--Lat 31°04'01", long 86°03'42", in SW ¼ NE ¼ sec. 9, T. 1 N., R. 10 E., Escambia County, Hydrologic Unit 03140304, on downstream side of bridge on State Highway 41, 1.0 mi south of East Brewton, 2.7 mi upstream from Murder Creek, and at mile 10.1.

PERIOD OF RECORD.--April 1999 to current year. February 1929 to September 1997 (gage heights only). October 1971 to September 1997, April 1999 to current year in reports of Geological Survey. July 1930 to December 1971 collected by National Weather Service and published in "Daily River Stages: reports of National Weather Service."

GAGE.--Water-stage recorder. Datum of gage is 43.10 ft above NGVD of 1929. Gage datum changed from 53.10 ft in 1999 water year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached a gage height of 46.6 ft and flood of March 21, 1990 reached a gage height of 35.04 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 11,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 7	1700	*33,500	*27.96	Aug 7	1030	12,000	21.76
May 2	0200	11,200	21.20				

Minimum discharge, 1,230 ft³/s, June 28, gage height, 10.01 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,140	2,600	8,640	3,110	3,160	3,310	16,200	9,950	2,030	1,780	3,550	7,110
2	2,110	2,150	8,070	3,070	3,970	3,240	22,000	10,500	2,990	1,600	4,240	7,160
3	1,940	4,140	6,900	2,920	5,560	3,160	25,100	8,680	3,630	1,670	4,650	5,650
4	1,710	8,080	5,640	2,810	6,620	3,330	27,500	6,940	4,950	1,760	4,540	4,240
5	1,890	8,800	4,890	2,730	7,070	3,240	28,800	5,750	4,230	1,890	5,490	3,430
6	1,600	6,910	5,610	2,770	6,630	2,920	28,800	5,610	3,000	2,430	9,600	3,080
7	1,780	5,300	6,530	2,710	5,880	2,630	32,600	5,510	2,510	2,590	11,700	2,560
8	1,660	4,320	6,560	3,210	5,380	2,720	33,000	4,300	2,240	2,820	9,740	2,420
9	1,440	3,890	6,130	3,920	4,970	2,510	30,800	3,650	2,130	2,750	6,390	2,210
10	1,690	3,510	6,540	3,780	4,830	2,450	26,600	3,460	2,600	2,790	6,030	2,130
11	1,660	3,310	6,720	3,280	5,410	2,260	22,800	3,170	3,730	5,920	8,000	2,040
12	1,860	4,430	6,330	3,030	5,240	2,390	19,600	3,050	6,570	8,260	7,070	1,900
13	1,780	4,930	5,480	3,150	5,010	2,340	17,100	2,630	6,820	8,850	7,110	1,770
14	1,630	4,540	4,660	4,830	4,880	2,160	15,700	2,690	6,140	8,790	7,180	1,720
15	1,730	3,990	4,220	6,720	5,360	2,090	14,400	2,580	5,460	8,260	6,730	1,600
16	1,480	3,400	3,860	7,140	5,010	2,440	12,400	2,450	4,030	7,490	6,280	1,710
17	1,700	3,210	3,480	6,590	4,560	3,120	9,940	2,280	3,030	8,260	6,720	1,620
18	1,530	2,980	3,100	5,660	3,900	3,010	8,160	2,150	2,520	8,370	6,130	1,510
19	2,150	2,650	2,990	5,140	3,550	3,220	6,510	2,280	2,150	7,790	6,310	1,480
20	3,640	2,630	3,030	4,520	3,360	3,070	5,550	2,030	2,050	7,400	6,100	1,540
21	6,180	3,430	2,830	3,990	3,150	3,030	4,940	1,950	1,970	7,010	5,650	1,540
22	4,750	3,640	2,880	3,550	2,960	3,150	5,210	2,070	1,780	6,010	5,480	1,520
23	3,810	3,580	4,350	3,100	2,960	2,970	5,270	2,020	1,560	5,110	5,590	1,440
24	3,620	4,020	6,320	2,890	2,790	3,110	4,910	1,800	1,580	4,330	5,720	1,400
25	5,110	6,830	6,070	2,820	2,810	2,900	4,940	1,740	1,480	3,730	4,620	2,320
26	5,640	8,690	6,080	2,700	2,760	3,330	5,310	1,610	1,390	3,170	4,470	5,080
27	5,330	9,280	5,300	2,660	e2,730	5,570	6,030	1,650	1,320	2,730	4,000	7,730
28	4,610	9,740	4,680	2,670	e3,150	10,000	6,100	1,570	1,260	2,560	3,280	6,900
29	3,880	9,490	4,170	2,590	---	10,400	5,730	1,540	1,380	2,320	2,810	5,090
30	3,370	8,890	3,740	2,830	---	9,690	5,820	1,510	1,550	2,530	4,670	3,610
31	2,870	---	3,380	3,090	---	10,600	---	1,480	---	2,970	7,140	---
TOTAL	86,290	153,360	159,180	113,980	123,660	120,360	457,820	108,600	88,080	143,940	186,990	93,510
MEAN	2,784	5,112	5,135	3,677	4,416	3,883	15,260	3,503	2,936	4,643	6,032	3,117
MAX	6,180	9,740	8,640	7,140	7,070	10,600	33,000	10,500	6,820	8,850	11,700	7,730
MIN	1,440	2,150	2,830	2,590	2,730	2,090	4,910	1,480	1,260	1,600	2,810	1,400
CFSM	1.05	1.92	1.93	1.38	1.66	1.46	5.73	1.32	1.10	1.74	2.27	1.17
IN.	1.21	2.14	2.23	1.59	1.73	1.68	6.40	1.52	1.23	2.01	2.61	1.31

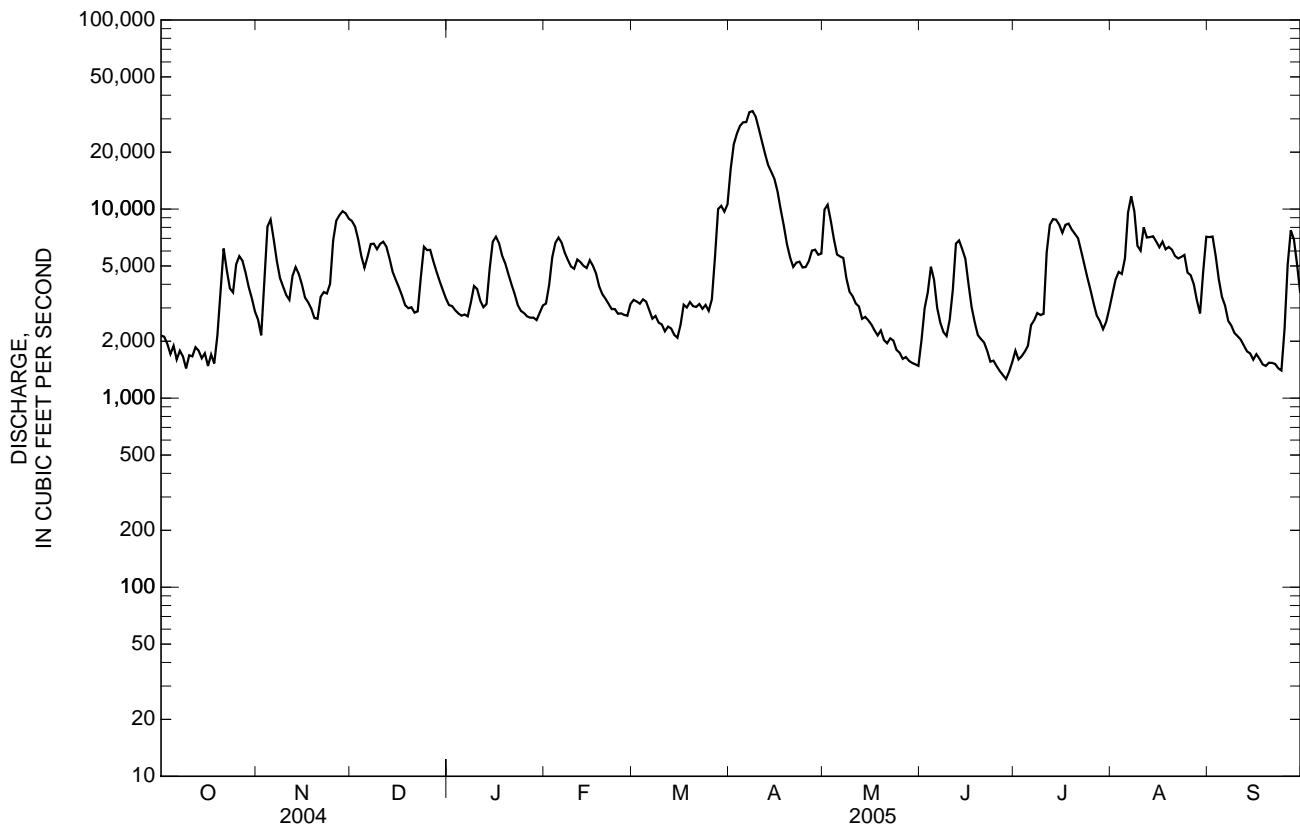
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

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02374250 (NWS 01-1084-07) CONECUH RIVER AT STATE HIGHWAY 41 NEAR BREWTON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	1,306,340		1,835,770		3,354	
ANNUAL MEAN	3,569		5,030		5,301	
HIGHEST ANNUAL MEAN					949	
LOWEST ANNUAL MEAN					56,600	
HIGHEST DAILY MEAN	14,600	Sep 22	33,000	Apr 8	217	Mar 9, 2001
LOWEST DAILY MEAN	788	Aug 9	1,260	Jun 28	223	Jul 20, 2000
ANNUAL SEVEN-DAY MINIMUM	951	Aug 4	1,420	Jun 24	58,100	Oct 25, 2000
MAXIMUM PEAK FLOW			33,500	Apr 7	30.24	Mar 9, 2001
MAXIMUM PEAK STAGE			27.96	Apr 7	1.26	
ANNUAL RUNOFF (CFSM)	1.34		1.89		17.13	
ANNUAL RUNOFF (INCHES)	18.26		25.66		7,450	
10 PERCENT EXCEEDS	6,920		8,480		2,190	
50 PERCENT EXCEEDS	2,700		3,630		523	
90 PERCENT EXCEEDS	1,320		1,720			

e Estimated



GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

WTR YR 2005 MEAN 15.08 MAX 27.89 MIN 10.08

02374500 MURDER CREEK NEAR EVERGREEN, AL

LOCATION.--Lat 31°25'06", long 86°59'12", in SW ¼ NW ¼ sec. 8, T. 5 N., R. 11 E., Conecuh County, Hydrologic Unit 03140304, on left bank 30 ft upstream from bridge on U.S. Highway 31, 1 mi upstream from Louisville & Nashville Railroad bridge, 2.5 mi southwest of Evergreen, and at mile 35.6.

DRAINAGE AREA.--176 mi².

PERIOD OF RECORD.--October 1937 to current year.

REVISED RECORDS.--WDR AL-79-1: 1975(P), 1976(P), 1978(P). WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 178.29 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to Mar. 25, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1900, 26.6 ft, present site and datum, March 1929, from information by local residents (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 2	0900	2,780	10.82	Jul 12	0200	*3,620	*11.42
Apr 8	0900	2,060	10.17	Sep 26	2230	2,470	10.56
Jun 2	1630	2,630	10.69				

Minimum discharge, 131 ft³/s, Oct. 8, 9, gage height, 3.82 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	151	270	498	316	415	362	1,740	1,060	1,120	305	598	641
2	148	291	464	309	627	317	2,730	857	2,010	303	598	439
3	145	796	435	300	866	287	2,030	612	1,600	278	406	300
4	143	1,340	402	292	883	289	1,250	422	924	304	385	254
5	140	1,170	397	286	700	277	814	355	626	345	477	235
6	136	843	557	299	505	262	675	417	355	352	638	223
7	133	569	555	299	399	249	1,600	490	304	357	628	211
8	132	406	555	355	362	250	1,950	386	352	389	461	201
9	132	329	551	378	399	244	1,440	311	346	308	401	194
10	148	292	589	355	550	239	946	286	295	479	405	189
11	200	374	492	329	561	233	678	272	554	1,940	588	184
12	256	560	445	299	494	224	957	261	1,470	2,910	836	179
13	249	631	392	402	393	220	1,630	246	1,790	1,580	885	176
14	209	559	340	904	419	220	1,380	230	1,180	1,050	1,050	174
15	182	416	310	1,490	427	220	899	214	687	938	557	172
16	165	328	296	1,030	396	330	625	213	414	1,290	460	171
17	154	289	288	640	360	374	521	205	325	1,170	460	187
18	146	274	285	439	322	358	469	194	283	814	456	201
19	165	271	282	376	296	298	433	186	264	622	398	183
20	666	300	275	354	282	262	410	187	266	503	350	176
21	916	489	268	342	280	288	398	188	242	489	287	170
22	1,140	928	314	333	281	310	487	184	221	487	256	169
23	697	588	617	317	281	380	493	179	207	437	386	230
24	640	763	995	298	288	370	467	174	196	472	412	332
25	955	1,100	994	286	297	332	455	167	185	369	297	661
26	1,240	1,030	668	283	295	270	454	158	177	300	264	1,520
27	1,030	771	462	282	e313	428	493	154	177	285	286	2,120
28	763	668	382	278	e374	631	524	151	177	310	307	1,290
29	494	566	350	313	---	746	451	150	262	378	321	648
30	359	529	333	358	---	563	614	181	281	431	529	392
31	299	---	323	374	---	477	---	303	---	550	645	---
TOTAL	12,333	17,740	14,114	12,916	12,065	10,310	28,013	9,393	17,290	20,745	15,027	12,222
MEAN	398	591	455	417	431	333	934	303	576	669	485	407
MAX	1,240	1,340	995	1,490	883	746	2,730	1,060	2,010	2,910	1,050	2,120
MIN	132	270	268	278	280	220	398	150	177	278	256	169
CFSM	2.26	3.36	2.59	2.37	2.45	1.89	5.31	1.72	3.27	3.80	2.75	2.31
IN.	2.61	3.75	2.98	2.73	2.55	2.18	5.92	1.99	3.65	4.38	3.18	2.58

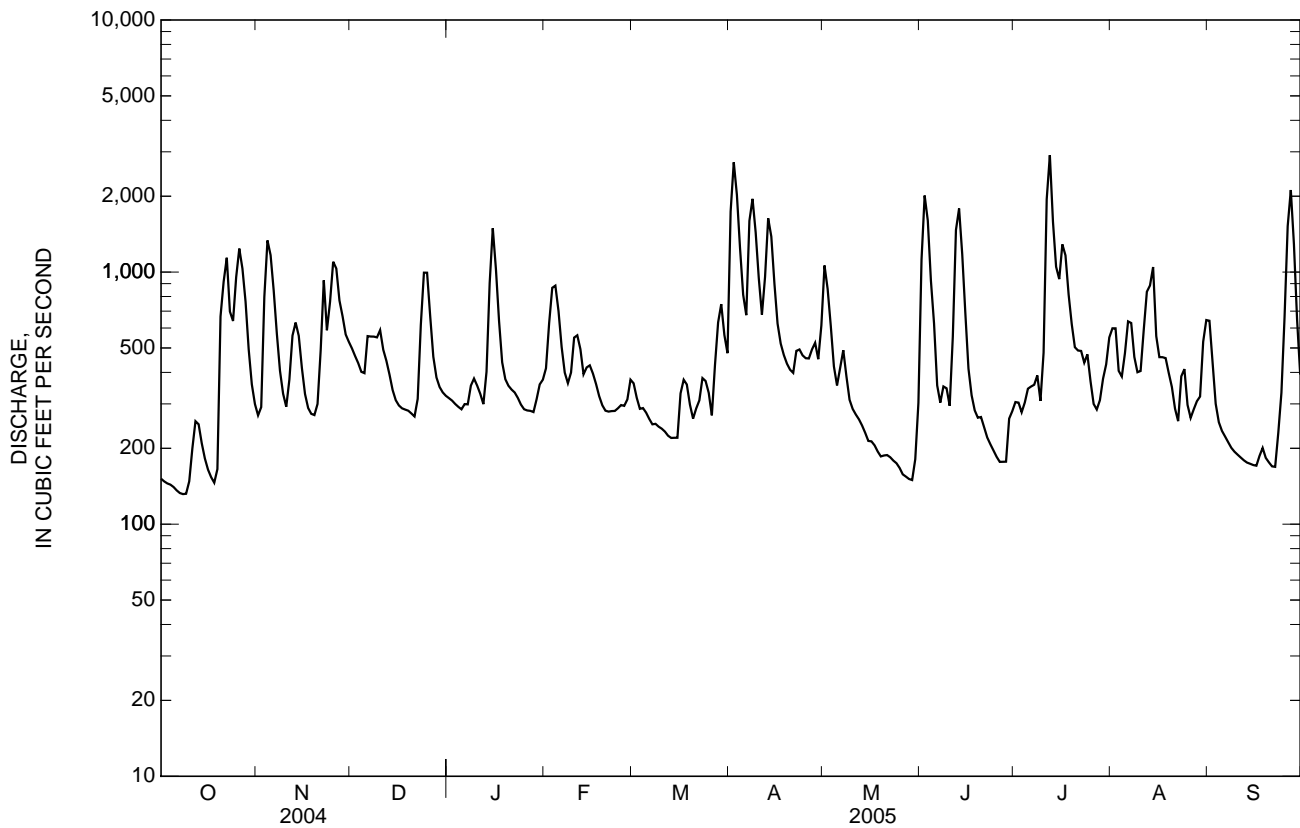
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1938 - 2005, BY WATER YEAR (WY)

	158	222	281	341	398	494	409	271	243	233	195	183
MEAN	158	222	281	341	398	494	409	271	243	233	195	183
MAX	479	1,063	898	764	1,141	1,146	1,088	795	627	768	757	530
(WY)	(1976)	(1949)	(1954)	(1946)	(1961)	(1990)	(1980)	(1978)	(1980)	(2003)	(1975)	(1946)
MIN	43.7	62.8	89.1	128	140	109	91.4	54.5	71.1	43.4	40.8	46.7
(WY)	(2001)	(1955)	(1955)	(1956)	(2000)	(1955)	(2000)	(2000)	(2000)	(2000)	(2000)	(1954)

02374500 MURDER CREEK NEAR EVERGREEN, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1938 - 2005	
ANNUAL TOTAL	109,900		182,168		285	
ANNUAL MEAN	300		499		499	
HIGHEST ANNUAL MEAN					101	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	2,540	Sep 17	2,910	Jul 12	12,200	Mar 16, 1938
LOWEST DAILY MEAN	65	Aug 8	132	Oct 8	33	Jul 20, 2000
ANNUAL SEVEN-DAY MINIMUM	72	Aug 4	137	Oct 3	35	Aug 15, 2000
MAXIMUM PEAK FLOW			3,620	Jul 12	22,000	Feb 25, 1961
MAXIMUM PEAK STAGE			11.42	Jul 12	16.65	Mar 16, 1938
ANNUAL RUNOFF (CFSM)	1.71		2.84		1.62	
ANNUAL RUNOFF (INCHES)	23.23		38.50		21.99	
10 PERCENT EXCEEDS	634		994		520	
50 PERCENT EXCEEDS	206		362		198	
90 PERCENT EXCEEDS	96		184		92	

e Estimated



LOCATION.--Lat 31°06'03", long 87°04'08", in SW ¼ sec. 28, T. 2 N., R. 10 E., Escambia County, Hydrologic Unit 03140304, near right bank at bridge on U.S. Highway 29 and State Highway 41, 0.5 mi upstream of Burnt Corn Creek, 3.6 mi upstream of Conecuh River and at river mile 3.6.

PERIOD OF RECORD.--March 1999 to current year. Gage height record collected by U.S. Army Corps of Engineers and National Weather Service since 1937 during flood events.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 3	1600	5,460	19.01	May 1	1430	3,040	15.75
Mar 31	1600	3,400	16.34	Jul 13	1330	3,450	16.41
Apr 1	1700	5,930	19.53	Sep 26	1900	*7,170	*20.74
Apr 8	0100	5,360	18.92				

Minimum discharge, 303 ft³/s, Oct. 9, gage height, 9.89 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	350	544	1,150	705	803	785	4,480	2,970	1,220	563	877	1,520
2	341	524	1,060	685	1,150	679	5,330	2,540	1,590	537	1,040	1,080
3	336	3,760	931	666	1,510	648	4,890	1,860	1,910	543	1,150	728
4	331	4,620	848	647	1,460	688	3,990	1,250	2,040	524	862	584
5	325	3,770	902	633	1,310	648	3,290	933	1,410	591	1,080	518
6	318	2,510	1,460	629	1,100	597	3,120	901	942	696	1,360	477
7	314	1,700	1,440	650	908	567	5,040	892	704	686	1,380	445
8	307	1,180	1,360	1,050	806	561	4,970	842	621	615	1,010	416
9	308	910	1,290	1,110	820	549	4,340	742	616	576	816	400
10	343	779	1,350	920	993	526	3,460	672	584	875	1,160	386
11	402	916	1,200	777	999	511	2,720	638	1,080	2,860	1,510	372
12	488	1,400	1,010	721	913	497	2,560	596	2,370	3,000	1,370	363
13	481	1,350	886	942	827	486	2,530	563	2,110	3,280	1,210	351
14	432	1,190	796	1,940	912	478	2,410	536	2,080	2,480	1,110	345
15	389	1,010	727	1,920	985	482	2,290	516	1,640	1,990	1,070	354
16	361	844	676	1,930	872	765	1,670	500	1,050	2,680	904	383
17	337	739	662	1,610	782	910	1,180	482	743	2,260	831	376
18	322	679	646	1,160	713	761	973	463	638	1,940	869	370
19	501	678	633	910	657	662	880	444	574	1,650	758	376
20	1,180	772	615	833	625	601	825	427	526	1,290	654	358
21	1,570	957	598	798	615	653	810	420	501	1,000	589	348
22	1,240	994	718	774	620	699	1,090	412	469	898	532	340
23	1,090	1,090	1,800	738	620	771	1,100	402	438	841	602	347
24	1,020	1,360	1,670	692	628	736	973	392	416	742	719	458
25	1,220	1,910	1,600	665	634	682	835	378	398	689	647	1,440
26	1,380	1,760	1,450	655	616	842	908	365	381	608	614	4,150
27	1,330	1,650	1,140	643	e641	2,040	1,000	352	373	550	546	3,630
28	1,210	1,770	896	631	e809	2,020	912	346	369	546	511	2,630
29	991	1,480	797	666	---	1,630	826	342	374	647	569	2,010
30	746	1,190	754	750	---	1,300	1,560	345	570	716	846	1,210
31	608	---	728	729	---	2,020	---	418	---	767	987	---
TOTAL	20,571	44,036	31,793	28,179	24,328	25,794	70,962	22,939	28,737	37,640	28,183	26,765
MEAN	664	1,468	1,026	909	869	832	2,365	740	958	1,214	909	892
MAX	1,570	4,620	1,800	1,940	1,510	2,040	5,330	2,970	2,370	3,280	1,510	4,150
MIN	307	524	598	629	615	478	810	342	369	524	511	340
CFSM	1.53	3.37	2.36	2.09	2.00	1.91	5.44	1.70	2.20	2.79	2.09	2.05
IN.	1.76	3.77	2.72	2.41	2.08	2.21	6.07	1.96	2.46	3.22	2.41	2.22

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

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ESCAMBIA RIVER BASIN

02374700 MURDER CREEK AT BREWTON, AL—Continued

SUMMARY STATISTICS

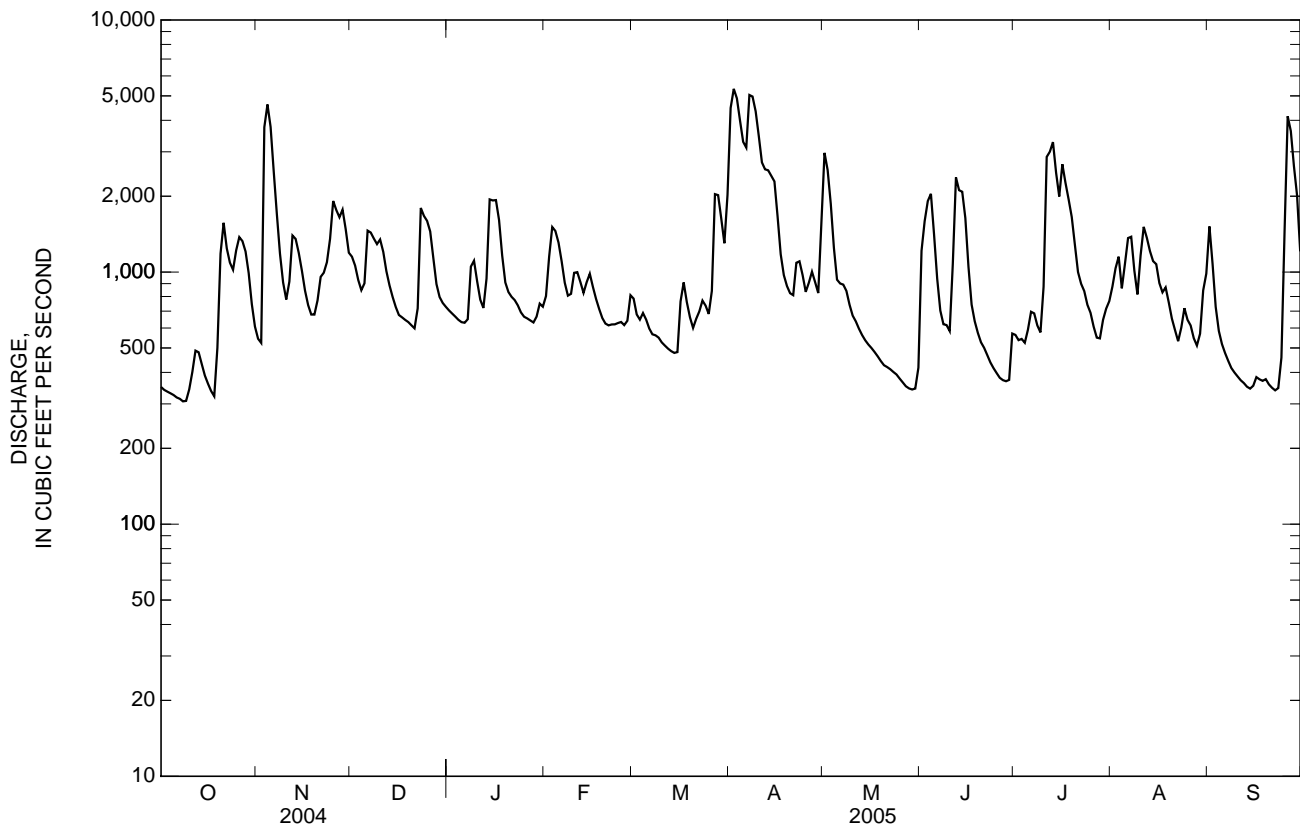
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1999 - 2005

ANNUAL TOTAL	292,052		389,927		
ANNUAL MEAN	798		1,068		657
HIGHEST ANNUAL MEAN					1,068
LOWEST ANNUAL MEAN					241
HIGHEST DAILY MEAN	5,370	Sep 17	5,330	Apr 2	12,200
LOWEST DAILY MEAN	195	Aug 19	307	Oct 8	79
ANNUAL SEVEN-DAY MINIMUM	206	Sep 9	320	Oct 3	84
MAXIMUM PEAK FLOW			7,170	Sep 26	13,400
MAXIMUM PEAK STAGE			20.74	Sep 26	24.44
ANNUAL RUNOFF (CFSM)	1.83		2.46		1.51
ANNUAL RUNOFF (INCHES)	24.98		33.35		20.51
10 PERCENT EXCEEDS	1,480		2,020		1,350
50 PERCENT EXCEEDS	557		785		443
90 PERCENT EXCEEDS	277		385		171

e Estimated



02374700 MURDER CREEK AT BREWTON, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.07	10.72	12.24	11.10	11.37	11.32	17.63	15.63	12.35	10.68	11.68	13.04
2	10.04	10.65	12.03	11.04	12.23	11.03	18.90	14.91	13.19	10.61	12.02	12.11
3	10.02	16.54	11.70	10.99	13.02	10.94	18.47	13.73	13.83	10.62	12.26	11.31
4	10.0	18.14	11.49	10.93	12.91	11.05	17.25	12.45	14.07	10.57	11.64	10.91
5	9.98	16.89	11.62	10.89	12.59	10.94	16.15	11.71	12.81	10.77	12.10	10.71
6	9.95	14.86	12.92	10.88	12.13	10.79	15.87	11.63	11.73	11.07	12.71	10.58
7	9.93	13.40	12.87	10.94	11.64	10.70	18.61	11.60	11.10	11.04	12.75	10.47
8	9.91	12.30	12.70	11.98	11.38	10.68	18.54	11.47	10.86	10.84	11.98	10.37
9	9.91	11.65	12.55	12.14	11.41	10.64	17.76	11.20	10.84	10.73	11.54	10.32
10	10.04	11.30	12.68	11.67	11.86	10.57	16.43	11.01	10.75	11.45	12.29	10.27
11	10.25	11.65	12.36	11.30	11.88	10.52	15.21	10.91	11.96	15.45	13.03	10.22
12	10.54	12.78	11.90	11.14	11.66	10.48	14.93	10.78	14.63	15.69	12.72	10.19
13	10.52	12.69	11.59	11.68	11.43	10.44	14.89	10.68	14.20	16.14	12.38	10.14
14	10.36	12.33	11.35	13.89	11.65	10.42	14.69	10.60	14.14	14.81	12.17	10.12
15	10.21	11.91	11.16	13.85	11.84	10.43	14.49	10.54	13.28	13.99	12.10	10.16
16	10.11	11.48	11.02	13.86	11.55	11.26	13.34	10.49	11.99	15.14	11.74	10.26
17	10.02	11.20	10.98	13.23	11.31	11.65	12.29	10.43	11.21	14.44	11.57	10.23
18	9.96	11.02	10.93	12.26	11.12	11.25	11.81	10.37	10.91	13.89	11.66	10.21
19	10.54	11.02	10.89	11.65	10.96	10.98	11.57	10.31	10.72	13.32	11.40	10.23
20	12.31	11.28	10.84	11.45	10.87	10.80	11.43	10.25	10.57	12.54	11.11	10.17
21	13.15	11.77	10.79	11.36	10.84	10.95	11.39	10.23	10.49	11.95	10.92	10.13
22	12.45	11.86	11.11	11.29	10.85	11.08	12.09	10.20	10.39	11.73	10.75	10.10
23	12.12	12.11	13.61	11.19	10.86	11.28	12.13	10.16	10.29	11.60	10.96	10.13
24	11.97	12.68	13.36	11.06	10.88	11.19	11.81	10.13	10.21	11.36	11.30	10.50
25	12.40	13.83	13.21	10.99	10.90	11.03	11.45	10.08	10.15	11.22	11.09	12.88
26	12.74	13.54	12.90	10.96	10.84	11.44	11.64	10.04	10.09	10.98	11.00	16.88
27	12.63	13.31	12.20	10.92	e10.92	14.06	11.89	9.99	10.06	10.80	10.79	16.63
28	12.37	13.55	11.61	10.89	e11.38	14.02	11.65	9.96	10.05	10.79	10.68	15.06
29	11.90	12.96	11.35	10.99	---	13.28	11.43	9.95	10.07	11.09	10.86	14.00
30	11.30	12.33	11.24	11.22	---	12.58	12.96	9.96	10.69	11.29	11.61	12.41
31	10.91	---	11.16	11.17	---	13.86	---	10.21	---	11.42	11.92	---
MEAN	10.92	12.72	11.88	11.58	11.51	11.34	14.29	11.02	11.59	12.19	11.70	11.36
MAX	13.15	18.14	13.61	13.89	13.02	14.06	18.90	15.63	14.63	16.14	13.03	16.88
MIN	9.91	10.65	10.79	10.88	10.84	10.42	11.39	9.95	10.05	10.57	10.68	10.10
CAL YR	2004	MEAN	11.17	MAX	18.94	MIN	9.44					
WTR YR	2005	MEAN	11.84	MAX	18.90	MIN	9.91					

e Estimated

LOCATION.--Lat 31°07'47", long 87°05'14", in SW ¼ sec. 17, T. 2 N., R. 10 E., Escambia County, Hydrologic Unit 03140304, near right bank at bridge on State Highway 41, 1.8 mi northwest of Brewton, 3.2 mi upstream of Murder Creek, and at river mile 3.2.

PERIOD OF RECORD.--March 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 75 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 29, 1998 reached a gage height of 22.15 ft, 18,400 ft³/s (from highwater mark).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 3	1130	*3,180	*12.35	Apr 8	2300	2,280	10.60
Apr 3	0700	2,590	11.20	Sep 26	1600	3,090	12.17

Minimum discharge, 64 ft³/s, Sept. 22, gage height, 3.66 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123	222	517	296	342	325	1,560	1,280	436	146	280	671
2	116	208	453	285	529	273	1,820	1,140	625	145	281	431
3	112	2,380	418	274	683	246	2,240	898	802	146	272	260
4	108	1,860	378	264	697	284	1,300	572	719	153	277	193
5	104	1,690	414	255	643	275	884	364	419	134	289	161
6	100	1,240	676	252	487	236	819	320	241	151	325	144
7	95	901	648	272	350	211	1,860	296	194	194	299	128
8	93	613	609	504	310	202	1,940	273	176	216	259	114
9	93	426	628	538	312	198	1,740	252	178	175	247	105
10	115	352	559	429	353	191	1,080	235	203	344	565	98
11	189	453	547	336	397	178	778	223	434	1,040	664	93
12	211	698	478	291	409	171	796	210	956	1,150	500	87
13	183	684	391	418	328	166	811	198	905	1,340	511	83
14	154	646	328	896	358	161	929	181	1,020	945	474	79
15	130	572	296	1,050	410	164	940	172	753	720	318	77
16	117	423	276	1,130	380	311	635	164	363	1,140	314	74
17	110	331	263	775	320	390	453	156	245	1,140	350	73
18	104	297	257	487	279	331	381	147	210	881	340	72
19	273	283	252	366	250	253	340	137	188	689	310	73
20	912	311	245	332	233	215	317	131	171	529	248	71
21	753	467	237	316	225	286	318	130	153	438	196	68
22	481	466	329	306	228	328	529	128	138	393	177	65
23	473	411	924	291	231	323	480	122	127	331	197	69
24	449	599	931	273	236	283	435	114	116	316	253	84
25	422	849	1,070	256	246	285	343	105	106	259	194	429
26	529	748	876	248	246	374	360	97	96	215	182	1,890
27	556	726	581	247	e255	831	411	92	91	202	179	1,380
28	585	825	411	247	e323	892	397	87	90	193	184	848
29	526	678	352	262	---	633	333	84	95	202	168	852
30	341	552	327	300	---	472	709	84	107	314	261	526
31	254	---	311	306	---	570	---	135	---	240	420	---
TOTAL	8,811	20,911	14,982	12,502	10,060	10,058	25,938	8,527	10,357	14,481	9,534	9,298
MEAN	284	697	483	403	359	324	865	275	345	467	308	310
MAX	912	2,380	1,070	1,130	697	892	2,240	1,280	1,020	1,340	664	1,890
MIN	93	208	237	247	225	161	317	84	90	134	168	65
CFSM	1.56	3.83	2.66	2.22	1.97	1.78	4.75	1.51	1.90	2.57	1.69	1.70
IN.	1.80	4.27	3.06	2.56	2.06	2.06	5.30	1.74	2.12	2.96	1.95	1.90</

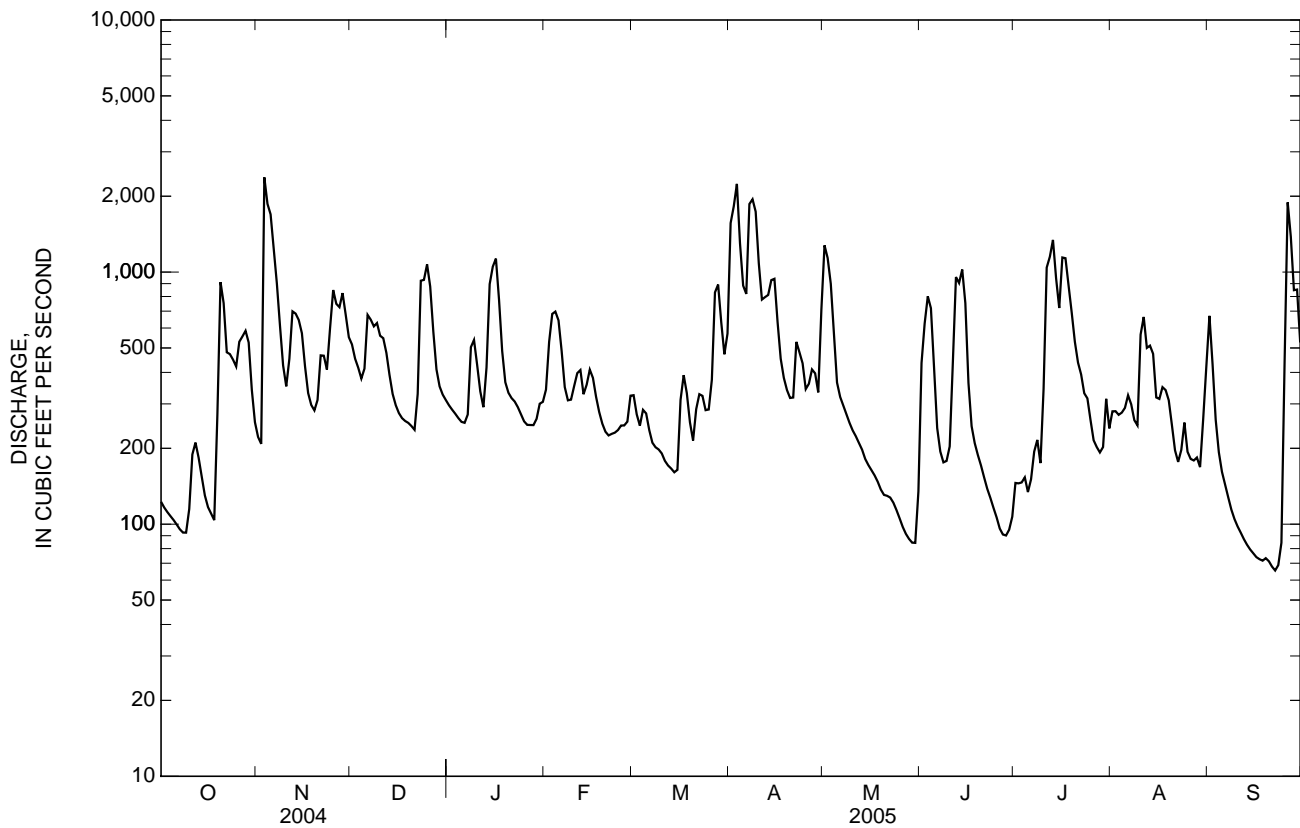
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

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02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	135,928		155,459		286	
ANNUAL MEAN	371		426		448	
HIGHEST ANNUAL MEAN					87.4	
LOWEST ANNUAL MEAN					6,740	
HIGHEST DAILY MEAN	2,990	Apr 30	2,380	Nov 3	10	Mar 4, 2001
LOWEST DAILY MEAN	49	Sep 14	65	Sep 22	11	Jun 12, 2000
ANNUAL SEVEN-DAY MINIMUM	54	Sep 9	70	Sep 17	11	Jun 8, 2000
MAXIMUM PEAK FLOW			3,180	Nov 3	8,300	Mar 4, 2001
MAXIMUM PEAK STAGE			12.35	Nov 3	17.56	Mar 4, 2001
ANNUAL RUNOFF (CFSM)	2.04		2.34		1.57	
ANNUAL RUNOFF (INCHES)	27.78		31.78		21.36	
10 PERCENT EXCEEDS	776		894		682	
50 PERCENT EXCEEDS	250		311		173	
90 PERCENT EXCEEDS	86		111		38	

e Estimated



02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.30	4.88	6.02	5.22	5.40	5.34	8.87	8.24	5.68	4.33	4.98	6.40
2	4.26	4.81	5.82	5.17	6.05	5.12	9.65	7.82	6.31	4.33	4.98	5.59
3	4.22	10.64	5.69	5.12	6.51	4.99	10.51	7.09	6.80	4.33	4.94	4.88
4	4.19	9.75	5.55	5.08	6.55	5.17	8.29	6.13	6.58	4.38	4.97	4.55
5	4.16	9.34	5.65	5.03	6.40	5.13	7.06	5.42	5.61	4.26	5.02	4.38
6	4.13	8.12	6.49	5.02	5.92	4.95	6.90	5.23	4.88	4.36	5.17	4.27
7	4.10	7.11	6.41	5.11	5.44	4.82	9.74	5.13	4.64	4.61	5.06	4.16
8	4.08	6.30	6.30	5.95	5.28	4.77	9.90	5.03	4.54	4.73	4.88	4.07
9	4.08	5.72	6.35	6.09	5.29	4.75	9.42	4.93	4.55	4.50	4.82	4.00
10	4.24	5.45	6.15	5.73	5.45	4.71	7.66	4.85	4.69	5.11	6.07	3.95
11	4.70	5.79	6.12	5.39	5.62	4.64	6.76	4.79	5.54	7.53	6.38	3.91
12	4.82	6.55	5.90	5.20	5.66	4.60	6.80	4.72	7.26	7.86	5.86	3.86
13	4.67	6.51	5.59	5.62	5.35	4.58	6.84	4.66	7.10	8.43	5.90	3.83
14	4.50	6.40	5.35	7.07	5.47	4.54	7.19	4.57	7.48	7.23	5.76	3.80
15	4.35	6.19	5.22	7.55	5.67	4.56	7.22	4.52	6.66	6.56	5.14	3.77
16	4.26	5.71	5.13	7.80	5.56	5.27	6.37	4.47	5.37	7.83	5.12	3.75
17	4.21	5.37	5.07	6.75	5.32	5.59	5.81	4.43	4.87	7.81	5.28	3.74
18	4.16	5.22	5.04	5.92	5.14	5.36	5.56	4.37	4.69	7.03	5.24	3.73
19	4.95	5.16	5.02	5.50	5.01	5.03	5.40	4.31	4.58	6.47	5.11	3.74
20	7.14	5.28	4.99	5.37	4.93	4.84	5.31	4.26	4.48	5.96	4.83	3.73
21	6.69	5.86	4.95	5.31	4.89	5.17	5.31	4.26	4.38	5.63	4.57	3.69
22	5.91	5.86	5.28	5.26	4.91	5.35	6.06	4.24	4.28	5.45	4.47	3.67
23	5.88	5.67	7.16	5.20	4.92	5.33	5.91	4.20	4.21	5.19	4.57	3.70
24	5.80	6.25	7.18	5.12	4.95	5.16	5.75	4.15	4.13	5.13	4.85	3.83
25	5.70	6.94	7.63	5.04	4.99	5.17	5.41	4.09	4.06	4.88	4.56	5.58
26	6.06	6.68	7.04	5.00	5.00	5.46	5.48	4.03	3.98	4.67	4.49	9.42
27	6.14	6.62	6.21	5.00	e5.03	6.91	5.67	3.98	3.94	4.60	4.48	8.48
28	6.23	6.88	5.67	5.00	e5.33	7.08	5.62	3.95	3.94	4.55	4.50	6.93
29	6.05	6.49	5.45	5.07	---	6.37	5.37	3.92	3.98	4.60	4.42	6.94
30	5.40	6.13	5.35	5.24	---	5.87	6.51	3.92	4.07	5.13	4.88	5.96
31	5.03	---	5.28	5.26	---	6.12	---	4.26	---	4.79	5.50	---
MEAN	4.98	6.46	5.84	5.55	5.43	5.25	6.95	4.84	5.11	5.56	5.06	4.74
MAX	7.14	10.64	7.63	7.80	6.55	7.08	10.51	8.24	7.48	8.43	6.38	9.42
MIN	4.08	4.81	4.95	5.00	4.89	4.54	5.31	3.92	3.94	4.26	4.42	3.67
CAL YR	2004	MEAN 5.18	MAX 11.94	MIN 3.55								
WTR YR	2005	MEAN 5.48	MAX 10.64	MIN 3.67								

e Estimated

02374950 BIG ESCAMBIA CREEK AT SARDINE BRIDGE NEAR STANLEY CROSSROADS, AL

LOCATION.--Lat 31°07'46", long 87°22'14", in SW 1/4 sec. 16, T. 2 N., R. 7 E., Escambia County, Hydrologic Unit 03140305, on upstream side of Sardine Bridge on county road, 2 mi west of Stanley Crossroads, 13 mi northwest of Flomaton.

DRAINAGE AREA.--193 mi².

PERIOD OF RECORD.--May 2000 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 110 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	0100	2,620	8.45	Jul 12	1430	*3,620	*9.83
Apr 7	0600	3,130	9.18	Sep 26	1200	3,090	9.12
Jul 11	0130	2,040	7.37				

Minimum discharge, 146 ft³/s, Sept. 20, 21, 22, gage height, 2.22 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

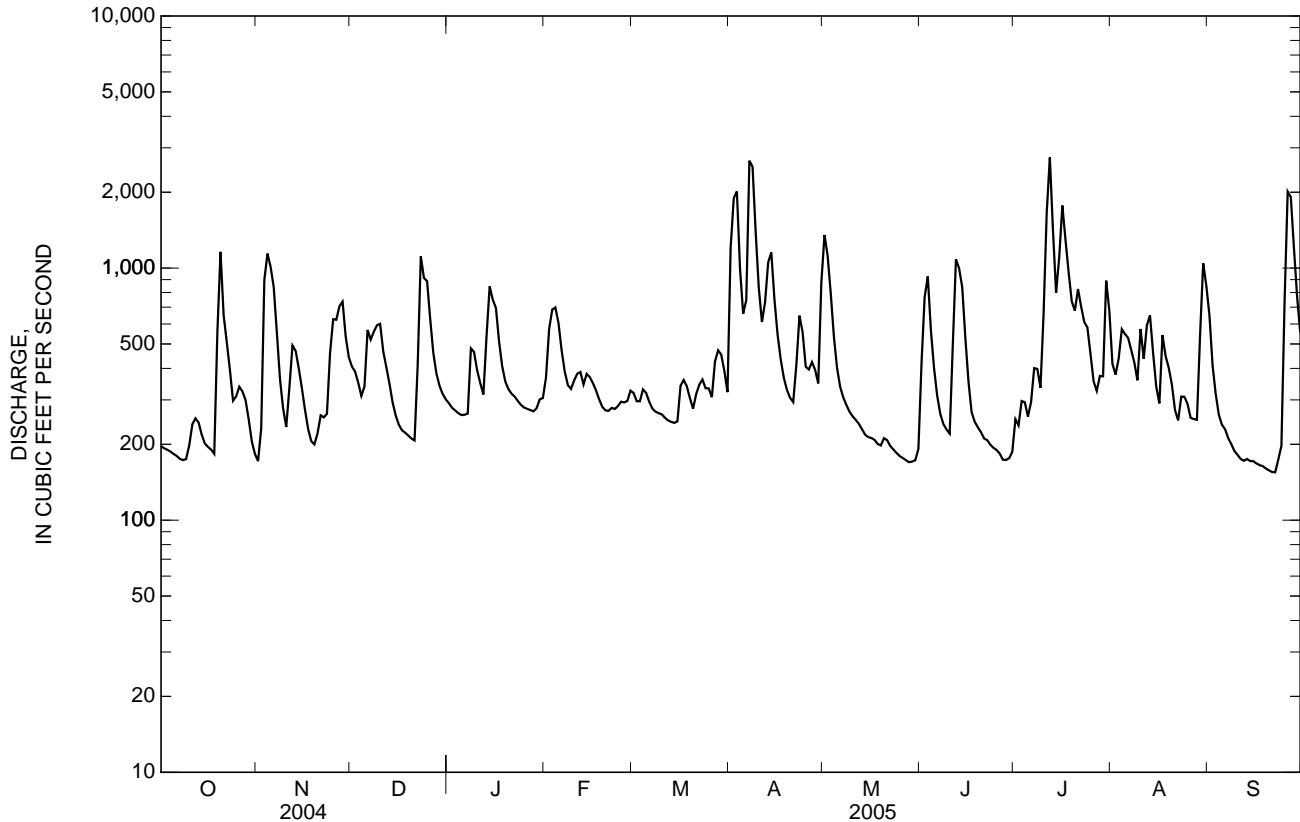
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	197	172	407	291	367	320	1,200	1,350	420	251	417	649
2	193	231	389	279	573	296	1,900	1,120	768	238	378	412
3	190	896	351	272	684	296	2,010	791	926	297	438	317
4	187	1,140	311	266	698	330	996	535	565	294	572	262
5	183	1,010	339	261	604	320	659	402	401	258	548	239
6	180	841	568	262	471	295	747	338	312	294	529	230
7	175	555	521	265	388	277	2,670	307	264	401	474	212
8	173	363	560	480	343	269	2,530	286	240	398	422	200
9	175	277	594	465	332	266	1,390	269	229	335	359	188
10	198	234	601	394	358	263	835	258	220	657	573	181
11	240	335	467	349	381	255	611	250	497	1,660	436	175
12	254	493	403	315	387	249	731	241	1,080	2,750	592	172
13	244	469	348	535	346	245	1,050	229	998	1,410	650	175
14	218	401	293	846	380	243	1,150	218	841	799	460	172
15	201	333	259	749	369	247	751	213	530	1,110	339	171
16	195	274	239	695	349	342	546	212	355	1,770	291	168
17	190	230	227	512	327	360	435	208	268	1,300	541	165
18	183	206	222	408	301	340	367	200	246	963	447	164
19	561	200	217	355	281	305	328	198	234	738	402	160
20	1,160	221	211	331	273	277	305	211	223	678	345	158
21	650	261	207	318	271	317	294	208	211	826	273	155
22	508	256	413	309	279	345	413	197	208	704	249	155
23	394	264	1,110	297	276	361	648	191	199	611	309	174
24	298	461	914	287	284	334	557	185	194	581	309	197
25	310	627	888	280	295	333	406	180	190	456	289	727
26	338	624	628	276	293	308	396	176	184	355	255	2,010
27	324	706	461	273	297	426	424	173	174	326	252	1,910
28	299	736	381	270	326	472	395	170	173	374	250	1,200
29	251	535	341	278	---	454	349	171	176	372	540	773
30	205	443	316	301	---	390	882	173	187	892	1,040	556
31	183	---	301	305	---	322	---	192	---	682	853	---
TOTAL	9,057	13,794	13,487	11,524	10,533	9,857	25,975	9,852	11,513	22,780	13,832	12,427
MEAN	292	460	435	372	376	318	866	318	384	735	446	414
MAX	1,160	1,140	1,110	846	698	472	2,670	1,350	1,080	2,750	1,040	2,010
MIN	173	172	207	261	271	243	294	170	173	238	249	155
CFSM	1.51	2.38	2.25	1.93	1.95	1.65	4.49	1.65	1.99	3.81	2.31	2.15
IN.	1.75	2.66	2.60	2.22	2.03	1.90	5.01	1.90	2.22	4.39	2.67	2.40

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	206	264	302	286	361	509	387	264	303	385	219	340
MAX	411	460	435	372	589	1,062	866	532	527	775	446	746
(WY)	(2003)	(2005)	(2005)	(2005)	(2004)	(2001)	(2005)	(2003)	(2003)	(2003)	(2005)	(2004)
MIN	50.1	102	152	171	211	257	133	58.9	60.9	65.7	62.3	69.1
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2004)	(2002)	(2002)	(2002)	(2000)	(2000)	(2000)

02374950 BIG ESCAMBIA CREEK AT SARDINE BRIDGE NEAR STANLEY CROSSROADS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	139,008		164,631		335	
ANNUAL MEAN	380		451		454	
HIGHEST ANNUAL MEAN					148	
LOWEST ANNUAL MEAN					6,730	
HIGHEST DAILY MEAN	5,420	Sep 18	2,750	Jul 12	11,400	Mar 4, 2001
LOWEST DAILY MEAN	127	Aug 9	155	Sep 21	45	Aug 18, 2000
ANNUAL SEVEN-DAY MINIMUM	141	Apr 19	161	Sep 16	47	Oct 24, 2000
MAXIMUM PEAK FLOW			3,620	Jul 12	16.63	Mar 5, 2001
MAXIMUM PEAK STAGE			9.83	Jul 12	1.73	Mar 5, 2001
ANNUAL RUNOFF (CFSM)	1.97		2.34		23.55	
ANNUAL RUNOFF (INCHES)	26.79		31.73		650	
10 PERCENT EXCEEDS	680		843		228	
50 PERCENT EXCEEDS	249		328		84	
90 PERCENT EXCEEDS	161		189			



02376500 PERDIDO RIVER AT BARRINEAU PARK, FL

LOCATION.--Lat 30°41'25", long 87°26'25", in NW ¼ sec. 23, T. 4 S., R. 6 E., Baldwin County, Ala., Hydrologic Unit 03140106, on right bank 25 ft downstream from bridge on county road, 1,000 ft downstream from Alligator Creek, 0.5 mi southwest of Barrineau Park, and at mile 28.0.

DRAINAGE AREA.--394 mi².

PERIOD OF RECORD.--June 1941 to current year.

REVISED RECORDS.--WSP 1384: Drainage area. WDR FL-76-4: 1973-75 (M).

GAGE.--Water-stage recorder. Datum of gage is 25.77 ft above NGVD of 1929. Prior to Aug. 22, 1949, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharges: Oct. 23-25, May 29 - June 8. Water-discharge records fair except those estimated daily discharges, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 15, 1929, reached a stage of 25.7 ft, 41,000 ft³/s, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	2100	*7,970	*15.11	Jul 13	1100	7,820	15.01
Apr 9	1600	5,800	13.38				

Minimum discharge, 417 ft³/s, May 29, gage height, 2.45 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	491	467	1,870	647	708	683	5,420	3,450	e2,690	577	1,840	2,520
2	476	532	1,380	619	1,150	637	6,460	3,190	e2,940	602	1,740	2,150
3	464	1,200	1,070	594	1,590	621	4,480	2,980	e2,450	562	1,450	1,430
4	455	2,130	899	574	1,670	736	4,520	2,430	e1,980	538	2,420	1,080
5	447	2,450	941	559	1,610	740	3,000	1,360	e1,540	604	2,560	951
6	440	2,350	1,850	550	1,290	695	1,710	980	e1,190	759	2,200	816
7	432	1,800	1,740	547	963	644	3,040	824	e1,180	1,210	1,930	727
8	431	1,190	1,830	609	783	616	3,780	740	e1,140	1,180	1,560	673
9	433	883	1,710	867	685	567	5,440	688	954	1,200	1,240	635
10	508	710	1,520	1,060	712	520	4,310	652	883	2,150	1,040	605
11	709	861	1,410	1,330	726	490	2,370	624	1,620	6,300	1,160	578
12	741	1,090	1,340	1,240	671	470	1,640	605	3,190	6,170	1,070	554
13	679	912	1,100	979	622	457	1,870	579	3,250	7,460	957	536
14	614	801	914	1,250	756	449	1,920	555	3,860	5,050	942	522
15	578	738	789	1,210	854	447	1,970	542	3,290	4,500	1,060	511
16	543	685	711	1,160	784	630	1,500	543	2,030	3,640	1,180	504
17	505	630	663	986	725	861	1,100	521	1,240	2,880	1,730	499
18	479	579	635	833	664	833	918	502	917	2,430	1,930	493
19	464	562	615	713	603	793	814	491	776	2,000	1,490	488
20	462	606	597	637	555	732	752	480	696	1,610	1,150	482
21	1,250	910	583	595	527	677	711	476	646	1,440	1,000	474
22	2,320	1,020	740	571	511	635	713	465	603	1,480	928	471
23	e1,600	1,080	2,440	549	505	605	1,060	461	570	1,260	983	496
24	e1,150	1,400	2,440	529	559	583	1,200	454	537	1,100	894	594
25	e880	2,170	2,110	514	606	568	1,120	458	526	928	824	1,220
26	720	2,070	1,940	506	609	546	1,570	458	503	824	836	1,670
27	644	1,950	1,400	502	614	820	1,710	442	488	815	747	2,030
28	575	2,090	1,020	497	694	1,240	1,210	427	479	770	699	2,490
29	534	1,950	841	513	---	1,390	955	e447	532	972	1,560	2,260
30	506	1,930	746	543	---	1,370	1,670	e483	580	1,850	2,810	1,580
31	483	---	686	542	---	1,250	---	e1,100	---	2,180	2,360	---
TOTAL	21,013	37,746	38,530	22,825	22,746	22,305	68,933	28,407	43,280	65,041	44,290	30,039
MEAN	678	1,258	1,243	736	812	720	2,298	916	1,443	2,098	1,429	1,001
MAX	2,320	2,450	2,440	1,330	1,670	1,390	6,460	3,450	3,860	7,460	2,810	2,520
MIN	431	467	583	497	505	447	711	427	479	538	699	471
CFSM	1.72	3.19	3.15	1.87	2.06	1.83	5.83	2.33	3.66	5.33	3.63	2.54
IN.	1.98	3.56	3.64	2.16	2.15	2.11	6.51	2.68	4.09	6.14	4.18	2.84

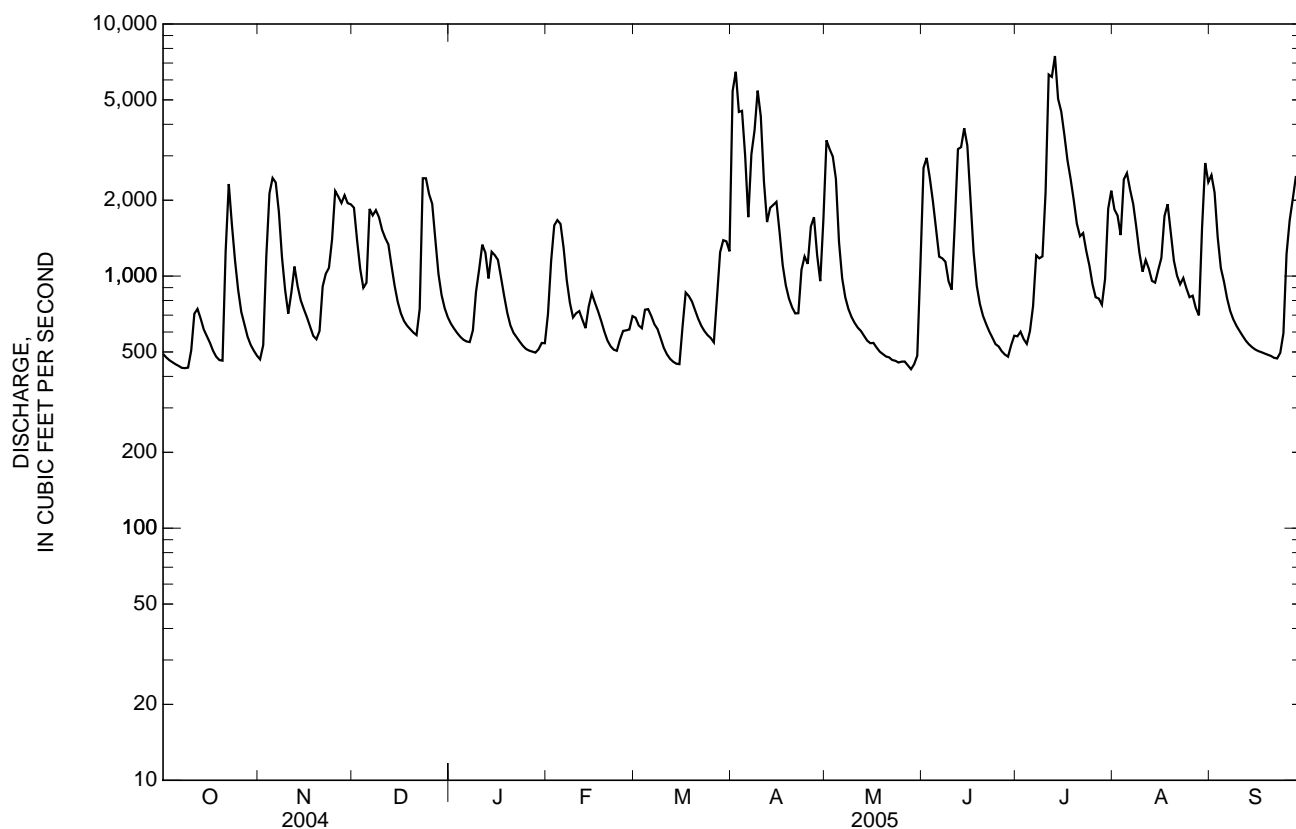
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1941 - 2005, BY WATER YEAR (WY)

MEAN	520	620	718	931	960	1,107	1,004	717	699	739	718	766
MAX	2,519	1,865	2,084	2,636	2,364	2,791	3,179	2,402	2,394	2,502	2,938	3,460
(WY)	(1996)	(1990)	(1954)	(1998)	(1990)	(1990)	(1983)	(1991)	(1989)	(2003)	(1975)	(1998)
MIN	189	246	302	339	343	269	283	217	230	210	217	213
(WY)	(2001)	(1956)	(1955)	(1957)	(1957)	(1955)	(1968)	(2002)	(2002)	(2000)	(2000)	(1968)

02376500 PERDIDO RIVER AT BARRINEAU PARK, FL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1941 - 2005	
ANNUAL TOTAL	331,454		445,155		791	
ANNUAL MEAN	906		1,220		1,372	
HIGHEST ANNUAL MEAN					339	
LOWEST ANNUAL MEAN					40,800	
HIGHEST DAILY MEAN	10,500	Sep 18	7,460	Jul 13	40,800	Sep 29, 1998
LOWEST DAILY MEAN	211	May 31	427	May 28	171	Aug 27, 2000
ANNUAL SEVEN-DAY MINIMUM	235	May 25	443	Oct 3	175	Oct 28, 2000
MAXIMUM PEAK FLOW			7,970	Apr 1	44,000	Sep 29, 1998
MAXIMUM PEAK STAGE			15.11	Apr 1	26.30	Sep 29, 1998
ANNUAL RUNOFF (CFSM)	2.30		3.10		2.01	
ANNUAL RUNOFF (INCHES)	31.29		42.03		27.27	
10 PERCENT EXCEEDS	1,860		2,390		1,450	
50 PERCENT EXCEEDS	582		824		511	
90 PERCENT EXCEEDS	298		491		292	

e Estimated



02377570 STYX RIVER NEAR ELSANOR, AL

LOCATION.--Lat 30°36'20", long 87°32'50", in SW 1/4 sec. 14, T. 5 S., R. 5 E., Baldwin County, Hydrologic Unit 03140106, near left bank on downstream side of bridge on County Road 87, 0.2 mi downstream of Cowpen Creek, 5 mi northeast of Elsanor, and 11.4 mi upstream from mouth.

DRAINAGE AREA.--192 mi².

PERIOD OF RECORD.--October 1987 to current year.

REVISED RECORDS.--WDR AL-89-1: 1988(P).

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Oct. 19 - Nov. 2; Feb. 27; Apr. 27-28; May 23-30; Sept. 15-20. Records good except for periods of estimated daily discharges which are fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	1700	*14,900	*19.59	Jun 12	1330	3,490	11.69
Apr 7	0800	4,310	12.79	Jul 11	1930	3,380	11.51
May 1	0800	4,340	12.83	Aug 30	1600	3,020	10.89

Minimum discharge, unknown, gage height, unknown.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	202	e200	676	385	428	408	11,000	4,210	2,360	290	742	1,780
2	194	e240	551	362	813	361	11,800	3,080	2,220	252	1,100	1,130
3	188	888	467	344	1,130	344	4,780	1,570	1,470	241	898	764
4	182	1,460	419	329	1,110	424	1,780	925	1,130	228	1,650	568
5	177	1,320	785	318	868	403	1,090	658	892	222	2,110	589
6	173	939	1,920	309	636	369	1,220	511	669	483	1,800	534
7	170	614	1,360	301	495	327	4,160	435	724	811	1,670	466
8	167	439	1,220	336	411	329	3,950	388	908	588	1,210	408
9	168	329	1,030	409	363	307	2,300	351	832	505	801	356
10	203	274	891	396	339	277	1,280	329	620	1,170	583	327
11	331	482	805	379	331	260	929	314	1,590	3,020	551	305
12	332	468	730	349	331	248	1,000	293	3,360	2,950	522	285
13	295	369	586	357	318	237	1,070	274	2,760	1,670	446	270
14	258	319	477	568	448	232	1,010	258	1,620	937	383	258
15	230	279	407	555	512	229	819	265	986	1,650	396	e254
16	216	251	364	514	462	487	617	295	643	2,270	1,130	e243
17	200	233	339	453	416	647	495	252	470	1,980	1,620	e233
18	189	221	323	378	355	529	424	230	466	1,220	1,320	e225
19	e182	226	310	328	304	462	380	216	419	800	859	e220
20	e184	261	296	304	280	383	352	210	354	601	613	e217
21	e180	367	286	291	266	357	334	209	391	622	522	209
22	e175	381	647	283	258	331	322	203	426	1,180	677	210
23	e177	1,110	2,190	272	259	305	379	e200	377	952	941	249
24	e186	1,260	1,610	261	384	279	419	e197	306	740	1,150	347
25	e169	1,530	1,260	254	433	260	480	e194	322	540	868	730
26	e168	1,370	957	251	403	249	1,100	e190	274	454	931	1,080
27	e166	1,160	751	248	e410	521	e1,070	e185	249	650	923	1,170
28	e164	1,250	604	244	451	698	e750	e180	234	411	757	833
29	e163	950	516	257	---	627	594	e185	389	800	1,250	577
30	e162	802	455	283	---	493	1,900	e200	377	1,260	2,860	427
31	e160	---	412	276	---	989	---	675	---	1,070	2,500	---
TOTAL	6,111	19,992	23,644	10,594	13,214	12,372	57,804	17,682	27,838	30,567	33,783	15,264
MEAN	197	666	763	342	472	399	1,927	570	928	986	1,090	509
MAX	332	1,530	2,190	568	1,130	989	11,800	4,210	3,360	3,020	2,860	1,780
MIN	160	200	286	244	258	229	322	180	234	222	383	209
CFSM	1.03	3.47	3.97	1.78	2.46	2.08	10.0	2.97	4.83	5.14	5.68	2.65
IN.	1.18	3.87	4.58	2.05	2.56	2.40	11.20	3.43	5.39	5.92	6.55	2.96

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	327	435	382	591	530	594	490	390	471	570	441	546						
MAX	1,376	1,248	763	1,743	1,265	1,369	1,927	1,047	1,850	1,824	1,090	3,155						
(WY)	(1996)	(1990)	(2005)	(1998)	(1990)	(1990)	(2005)	(1991)	(1989)	(1997)	(2005)	(1998)						
MIN	79.9	111	150	183	162	201	145	105	95.4	97.1	123							
(WY)	(2001)	(2002)	(2002)	(2000)	(2000)	(2000)	(2000)	(2000)	(2002)	(2000)	(2000)	(2000)						

PERDIDO RIVER BASIN

02377570 STYX RIVER NEAR ELSANOR, AL—Continued

SUMMARY STATISTICS

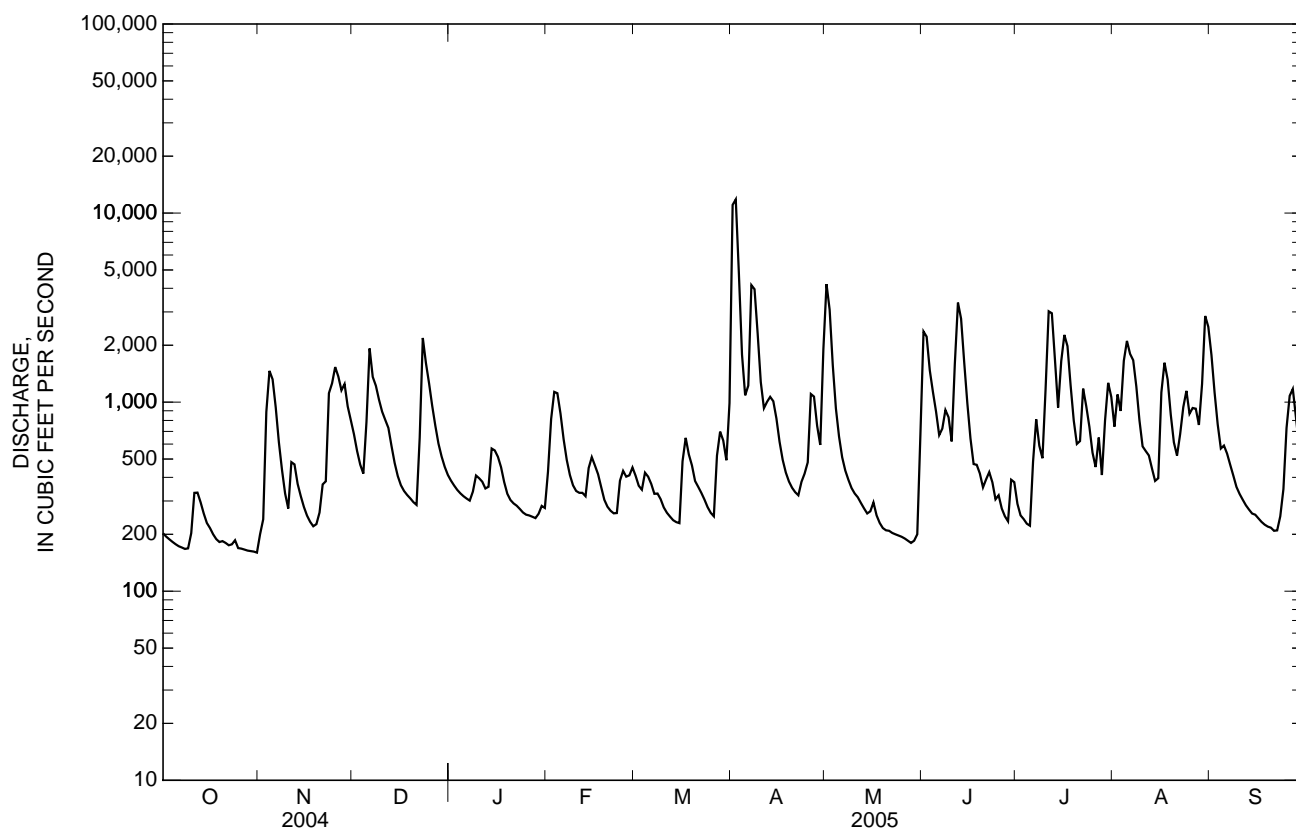
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1988 - 2005

ANNUAL TOTAL	180,650		268,865		
ANNUAL MEAN	494		737		480
HIGHEST ANNUAL MEAN					818
LOWEST ANNUAL MEAN					159
HIGHEST DAILY MEAN	7,280	Sep 18	11,800	Apr 2	42,000
LOWEST DAILY MEAN	107	May 30	160	Oct 31	69
ANNUAL SEVEN-DAY MINIMUM	122	May 24	165	Oct 25	70
MAXIMUM PEAK FLOW			14,900	Apr 1	48,000
MAXIMUM PEAK STAGE			19.59	Apr 1	28.60
ANNUAL RUNOFF (CFSM)	2.57		3.84		2.50
ANNUAL RUNOFF (INCHES)	35.00		52.09		33.99
10 PERCENT EXCEEDS	969		1,460		874
50 PERCENT EXCEEDS	290		419		271
90 PERCENT EXCEEDS	162		209		132

e Estimated



02378300 MAGNOLIA RIVER AT U.S. HIGHWAY 98 NEAR FOLEY, AL

LOCATION.--Lat 30°24'23", long 87°44'13" in SW ¼ sec. 26, T. 7 S., R. 3 E., Baldwin County, Hydrologic Unit 03160205, at bridge on U.S. Highway 98, 3 mi west of Foley.

DRAINAGE AREA.--16.6 mi².

PERIOD OF RECORD.--July 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 20 ft above NGVD of 1929 from topographic map.

REMARKS.--Estimated daily discharge: June 6-8, 15-21, June 29 - July 1, July 9, July 14 - Aug. 5, Sept. 7-19. Records poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 6	0130	956	8.71	Jun 1	0100	411	7.41
Dec 23	0300	626	8.06	Jun 11	1830	1,410	9.39
Mar 28	0030	448	7.54	Jul 1	0000	434	7.49
Apr 1	1130	14,600	14.44	Jul 6	1830	609	8.02
Apr 6	2330	*14,800	*14.46	Jul 11	0100	1,400	9.38
Apr 12	1400	557	7.88	Aug 5	0630	406	7.39
Apr 30	1730	2,590	10.55	Aug 30	0200	445	7.53

Minimum discharge, 20 ft³/s, Oct. 31, Nov. 1, gage height, 3.79 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	21	40	47	77	45	6,960	449	313	e86	e177	66
2	33	62	36	47	163	40	501	154	107	69	e76	59
3	33	184	35	46	176	48	178	75	64	63	e50	60
4	29	224	35	47	68	54	96	58	78	57	e40	65
5	30	86	196	47	53	45	71	52	76	64	e80	70
6	31	46	548	47	50	41	2,330	47	e95	333	127	69
7	29	39	147	47	51	42	2,600	43	e140	227	50	e64
8	29	36	78	82	52	45	274	41	e110	135	41	e56
9	35	34	60	78	50	39	125	40	102	e72	37	e51
10	63	33	54	51	47	35	86	40	95	426	33	e47
11	72	121	48	47	43	30	70	43	718	762	33	e43
12	45	145	45	45	42	31	351	40	698	188	33	e39
13	32	53	44	51	43	32	201	37	196	e95	33	e36
14	28	42	42	70	61	32	83	36	138	e101	30	e34
15	30	37	41	49	53	32	66	39	e100	e148	30	e33
16	27	36	41	44	48	159	57	37	e82	e217	51	e31
17	25	35	41	41	46	85	53	35	e68	e157	38	e30
18	25	34	41	40	41	41	51	34	e60	e103	178	e29
19	25	36	40	41	39	36	47	34	e68	e72	61	e29
20	26	37	38	41	39	34	47	34	e52	e53	36	28
21	25	39	39	40	42	34	44	35	e44	e59	33	27
22	26	36	125	39	43	32	42	33	39	e142	51	29
23	25	37	470	37	50	30	48	34	37	e68	242	32
24	33	67	140	35	84	28	41	34	36	e57	108	72
25	39	69	70	37	65	29	39	33	36	e48	93	58
26	26	40	91	38	48	61	114	33	36	e42	42	53
27	24	38	68	36	60	300	64	32	35	e46	38	49
28	23	39	55	36	62	263	42	32	37	e52	40	41
29	22	36	51	43	---	59	38	35	e76	e42	236	44
30	21	35	49	42	---	43	795	41	e95	e49	305	37
31	21	---	48	38	---	291	---	209	---	e39	94	---
TOTAL	965	1,777	2,856	1,429	1,696	2,116	15,514	1,919	3,831	4,072	2,516	1,381
MEAN	31.1	59.2	92.1	46.1	60.6	68.3	517	61.9	128	131	81.2	46.0
MAX	72	224	548	82	176	300	6,960	449	718	762	305	72
MIN	21	21	35	35	39	28	38	32	35	39	30	27
CFSM	1.88	3.57	5.55	2.78	3.65	4.11	31.2	3.73	7.69	7.91	4.89	2.77
IN.	2.16	3.98	6.40	3.20	3.80	4.74	34.77	4.30	8.59	9.13	5.64	3.09

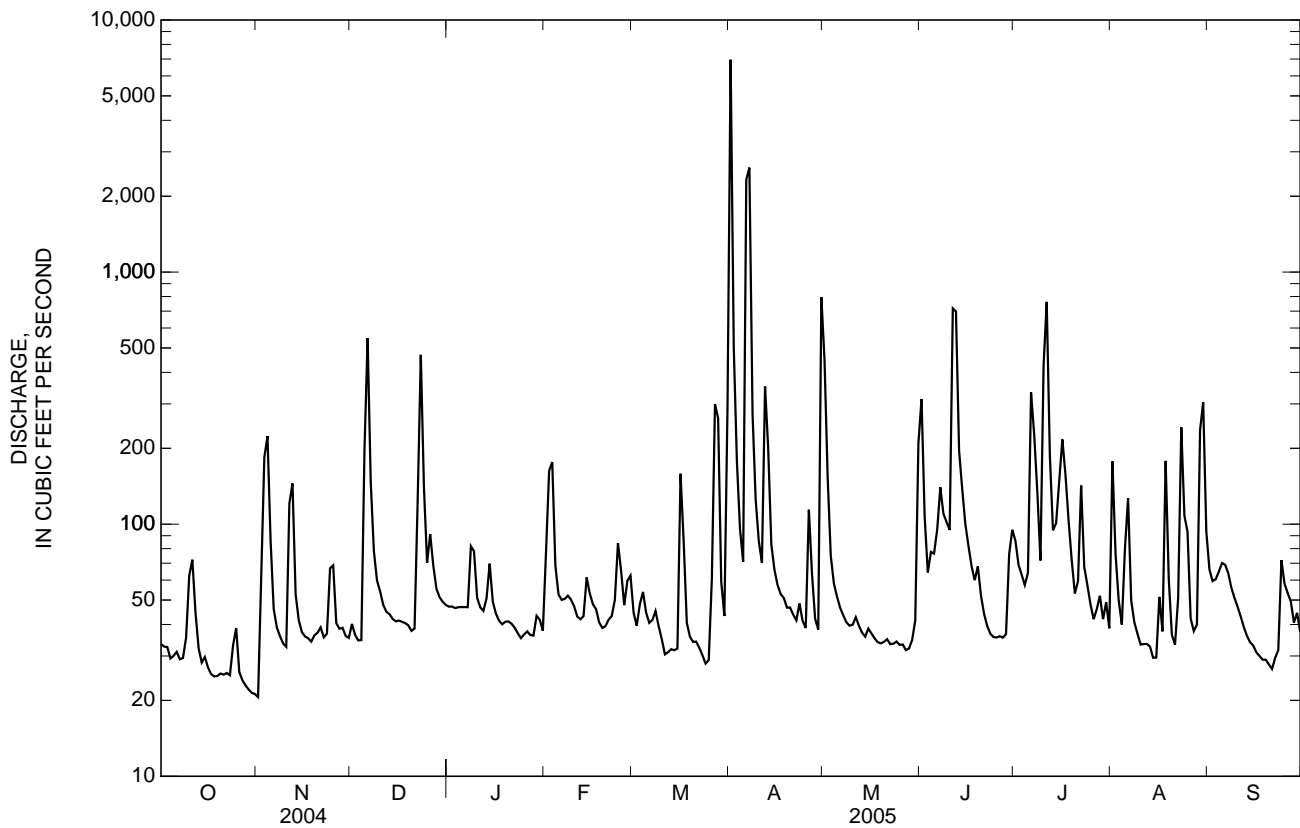
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	24.4	29.4	37.6	30.0	40.7	32.0	99.7	24.9	51.1	67.8	39.2	47.9
MAX	37.6	59.2	92.1	47.5	83.6	68.3	517	61.9	128	197	81.2	120
(WY)	(2003)	(2005)	(2005)	(2004)	(2004)	(2005)	(2005)	(2005)	(2005)	(2003)	(2005)	(2004)
MIN	11.7	13.5	13.4	14.2	13.9	14.2	12.7	12.0	11.3	11.1	12.7	15.6
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(2002)	(2000)	(2002)	(2000)

02378300 MAGNOLIA RIVER AT U.S. HIGHWAY 98 NEAR FOLEY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	18,817		40,072		44.1	
ANNUAL MEAN	51.4		110		110	
HIGHEST ANNUAL MEAN					19.0	
LOWEST ANNUAL MEAN					2005	
HIGHEST DAILY MEAN	2,070	Sep 16	6,960	Apr 1	6,960	Apr 1, 2005
LOWEST DAILY MEAN	17	Mar 22	21	Oct 30	8.5	Jun 18, 2002
ANNUAL SEVEN-DAY MINIMUM	17	Mar 22	23	Oct 26	9.4	Jul 18, 2002
MAXIMUM PEAK FLOW			14,800	Apr 6	14,800	Apr 6, 2005
MAXIMUM PEAK STAGE			14.46	Apr 6	14.46	Apr 6, 2005
ANNUAL RUNOFF (CFSM)	3.10		6.61		2.65	
ANNUAL RUNOFF (INCHES)	42.17		89.80		36.06	
10 PERCENT EXCEEDS	71		161		61	
50 PERCENT EXCEEDS	30		46		19	
90 PERCENT EXCEEDS	21		32		12	

e Estimated



02378500 FISH RIVER NEAR SILVER HILL, AL

LOCATION.--Lat 30°32'43", long 87°47'55", in NW ¼ sec. 8, T. 6 S., R. 3 E., Baldwin County, Hydrologic Unit 03160205, near midchannel on upstream side of bridge on State Highway 104, 0.2 mi downstream from Caney Branch, 0.5 mi upstream from Perone Branch, 2.8 mi west of Silver Hill, and 12 mi upstream from mouth.

DRAINAGE AREA.--55.3 mi².

PERIOD OF RECORD.--July 1953 to September 1969, October 1970 to September 1971, November 1986 to current year.

REVISED RECORDS.--WDR AL-97-1: 1989, 1990, 1992, 1994, 1996 (P).

GAGE.--Water-stage recorder. Elevation of gage is 30 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: April 14-15. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 750 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	1300	*11,400	*20.35	Apr 30	2200	2,070	12.63
Apr 7	0400	1,230	10.99	Jun 1	0330	831	9.76

Minimum discharge, 68 ft³/s, Oct. 31, Nov. 1, gage height, 2.91 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	69	110	99	164	103	7,070	1,110	695	129	107	254
2	80	181	98	98	215	95	1,950	404	304	113	200	183
3	79	309	92	96	218	101	513	173	136	250	258	157
4	78	293	88	96	146	115	231	139	120	114	230	144
5	77	204	230	95	119	100	190	125	112	92	272	169
6	77	135	498	94	107	94	342	117	127	248	514	162
7	77	101	191	94	102	91	1,110	111	188	240	598	138
8	76	90	150	117	98	100	657	107	124	119	223	129
9	81	83	129	108	96	93	261	103	109	100	157	124
10	111	79	152	100	95	88	176	102	102	279	139	119
11	150	88	120	96	91	86	154	103	309	643	141	116
12	110	92	104	94	89	85	180	97	637	368	138	114
13	90	82	97	101	89	84	169	94	323	147	126	112
14	82	79	91	134	149	85	e145	92	164	141	118	111
15	83	76	87	112	124	85	e130	92	121	287	115	110
16	79	74	85	100	105	180	119	99	105	621	296	109
17	76	73	84	94	97	180	114	91	101	428	247	108
18	75	72	83	91	91	113	110	87	133	162	220	107
19	74	76	82	90	87	100	108	86	125	129	145	106
20	75	84	80	90	86	95	108	87	101	116	127	106
21	74	104	80	90	87	94	107	86	94	168	146	103
22	73	87	155	90	87	92	105	84	88	302	132	102
23	75	251	395	88	96	89	105	82	85	140	198	132
24	83	410	199	87	152	86	101	80	88	112	149	183
25	80	351	137	87	128	85	98	78	141	100	132	303
26	76	163	139	88	108	88	240	77	94	95	219	273
27	74	204	123	87	110	177	211	75	84	99	143	150
28	73	310	112	86	122	157	121	75	82	96	126	122
29	71	139	107	95	---	113	107	77	121	98	397	114
30	70	113	104	98	---	98	940	91	135	132	657	116
31	69	---	101	92	---	256	---	303	---	113	445	---
TOTAL	2,528	4,472	4,303	2,987	3,258	3,408	15,972	4,527	5,148	6,181	7,115	4,276
MEAN	81.5	149	139	96.4	116	110	532	146	172	199	230	143
MAX	150	410	498	134	218	256	7,070	1,110	695	643	657	303
MIN	69	69	80	86	86	84	98	75	82	92	107	102
CFSM	1.47	2.70	2.51	1.74	2.10	1.99	9.63	2.64	3.10	3.61	4.15	2.58
IN.	1.70	3.01	2.89	2.01	2.19	2.29	10.74	3.05	3.46	4.16	4.79	2.88

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2005, BY WATER YEAR (WY)

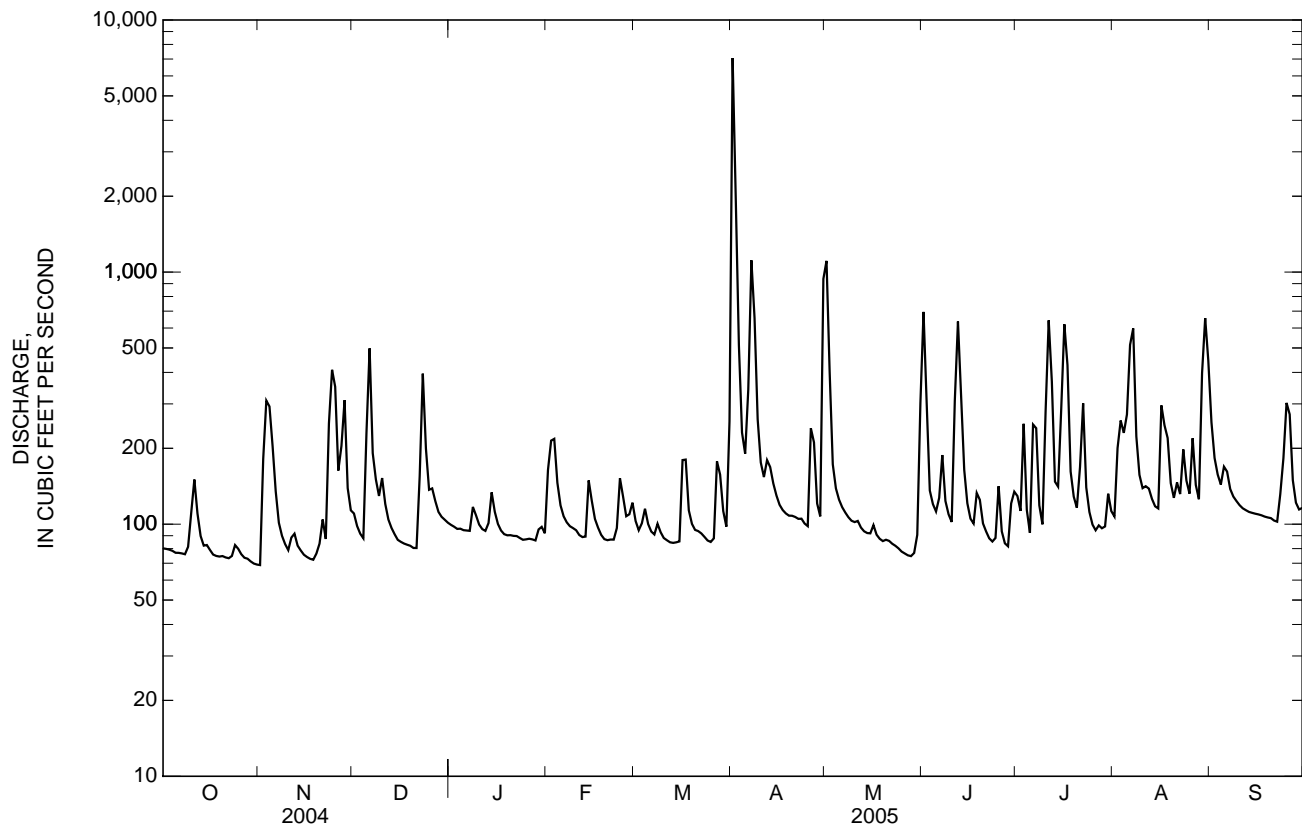
	96.7	98.8	104	125	126	131	132	97.1	115	132	116	124
MEAN	96.7	98.8	104	125	126	131	132	97.1	115	132	116	124
MAX	349	219	389	411	288	333	532	253	445	674	276	519
(WY)	(1996)	(1996)	(1954)	(1998)	(1961)	(1990)	(2005)	(1991)	(1989)	(1997)	(1969)	(1998)
MIN	39.6	46.5	52.4	57.9	59.8	55.6	50.1	41.2	41.5	40.8	42.0	49.9
(WY)	(1969)	(1956)	(1956)	(2001)	(2002)	(1955)	(2001)	(2001)	(1955)	(2000)	(2000)	(1963)

FISH RIVER BASIN

02378500 FISH RIVER NEAR SILVER HILL, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1953 - 2005	
ANNUAL TOTAL	47,057		64,175		116	
ANNUAL MEAN	129		176		194	
HIGHEST ANNUAL MEAN					58.4	
LOWEST ANNUAL MEAN					11,900	
HIGHEST DAILY MEAN	3,300	Sep 16	7,070	Apr 1	11,900	Jul 20, 1997
LOWEST DAILY MEAN	50	May 11	69	Oct 31	36	Aug 30, 2000
ANNUAL SEVEN-DAY MINIMUM	51	May 11	72	Oct 26	37	Aug 25, 2000
MAXIMUM PEAK FLOW			11,400	Apr 1	16,900	Jul 20, 1997
MAXIMUM PEAK STAGE			20.35	Apr 1	22.78	Jul 20, 1997
ANNUAL RUNOFF (CFSM)	2.32		3.18		2.10	
ANNUAL RUNOFF (INCHES)	31.65		43.17		28.59	
10 PERCENT EXCEEDS	185		275		176	
50 PERCENT EXCEEDS	89		108		82	
90 PERCENT EXCEEDS	64		80		52	

e Estimated



02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL

LOCATION.--Lat 34°17'25", long 85°30'33", in NW ¼ sec. 5, T. 9 S., R. 11 E., Cherokee County, Hydrologic Unit 03150105, on left bank 10 ft upstream from bridge on county road, 600 ft downstream from Mills Creek, 3.5 mi northeast of Gaylesville, and 20.1 mi upstream from mouth.

DRAINAGE AREA.--366 mi².

PERIOD OF RECORD.--January 1959 to September 1967, October 1967 to September 1971 (annual peak discharge only), October 1971 to September 1984 (flood hydrograph only), October 1984 to current year.

REVISED RECORDS.--WSP 1906: Location. WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 562.11 ft above NGVD of 1929 (Alabama Power Company benchmark). December 4, 1958, to July 20, 1959, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	0100	*9,020	*18.44	Dec 10	2230	5,200	14.15
Dec 8	0000	6,000	15.25	Feb 22	1630	5,120	14.03

Minimum discharge, 145 ft³/s, Sept. 23, 24, 25, gage height, 4.05 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	282	210	1,580	549	364	1,190	2,640	1,040	300	221	327	249
2	273	225	1,330	519	396	997	2,820	709	334	255	282	234
3	265	1,790	1,090	493	518	901	1,980	591	339	315	262	224
4	244	4,190	945	475	526	827	1,490	524	313	247	244	215
5	235	4,190	849	459	487	761	1,220	498	283	245	229	208
6	223	1,660	2,380	455	465	693	1,040	503	290	290	221	196
7	213	1,110	4,680	452	445	686	1,360	458	475	906	224	183
8	207	870	4,660	507	434	1,000	3,370	425	357	638	223	179
9	206	703	3,070	620	430	842	2,010	402	315	403	227	176
10	206	599	4,820	543	416	742	1,440	387	299	353	236	174
11	203	560	3,350	510	391	685	1,180	399	365	884	229	171
12	227	887	1,880	487	378	635	1,040	384	393	905	204	170
13	265	923	1,470	503	369	604	943	351	370	631	272	166
14	229	715	1,180	861	1,010	768	847	336	341	545	258	161
15	207	609	1,000	744	1,060	642	761	350	314	826	280	162
16	194	548	899	659	790	613	685	358	292	555	243	162
17	191	507	824	600	694	692	634	326	275	463	234	163
18	184	470	756	545	608	737	595	308	261	417	226	165
19	303	446	698	519	553	675	568	296	254	393	259	161
20	616	449	633	505	567	629	540	319	254	533	315	154
21	401	433	589	489	2,320	590	522	411	392	568	285	150
22	324	495	575	465	4,810	653	521	344	319	446	281	148
23	292	825	1,500	428	3,020	2,070	652	315	270	386	249	148
24	289	6,220	1,390	402	1,990	1,510	536	289	253	348	322	145
25	266	8,600	1,050	392	1,520	1,130	484	274	240	322	268	146
26	242	5,370	916	388	1,220	971	481	264	256	297	246	164
27	229	1,910	806	377	e1,230	974	530	257	248	275	233	175
28	226	1,600	711	352	e1,290	1,580	462	260	233	446	223	171
29	225	1,210	660	366	---	1,220	432	263	233	398	217	161
30	224	1,030	618	401	---	1,010	1,270	260	228	420	350	155
31	216	---	582	388	---	2,430	---	258	---	346	279	---
TOTAL	7,907	49,354	47,491	15,453	28,301	29,457	33,053	12,159	9,096	14,277	7,948	5,236
MEAN	255	1,645	1,532	498	1,011	950	1,102	392	303	461	256	175
MAX	616	8,600	4,820	861	4,810	2,430	3,370	1,040	475	906	350	249
MIN	184	210	575	352	364	590	432	257	228	221	204	145
CFSM	0.70	4.49	4.19	1.36	2.76	2.60	3.01	1.07	0.83	1.26	0.70	0.48
IN.	0.80	5.02	4.83	1.57	2.88	2.99	3.36	1.24	0.92	1.45	0.81	0.53

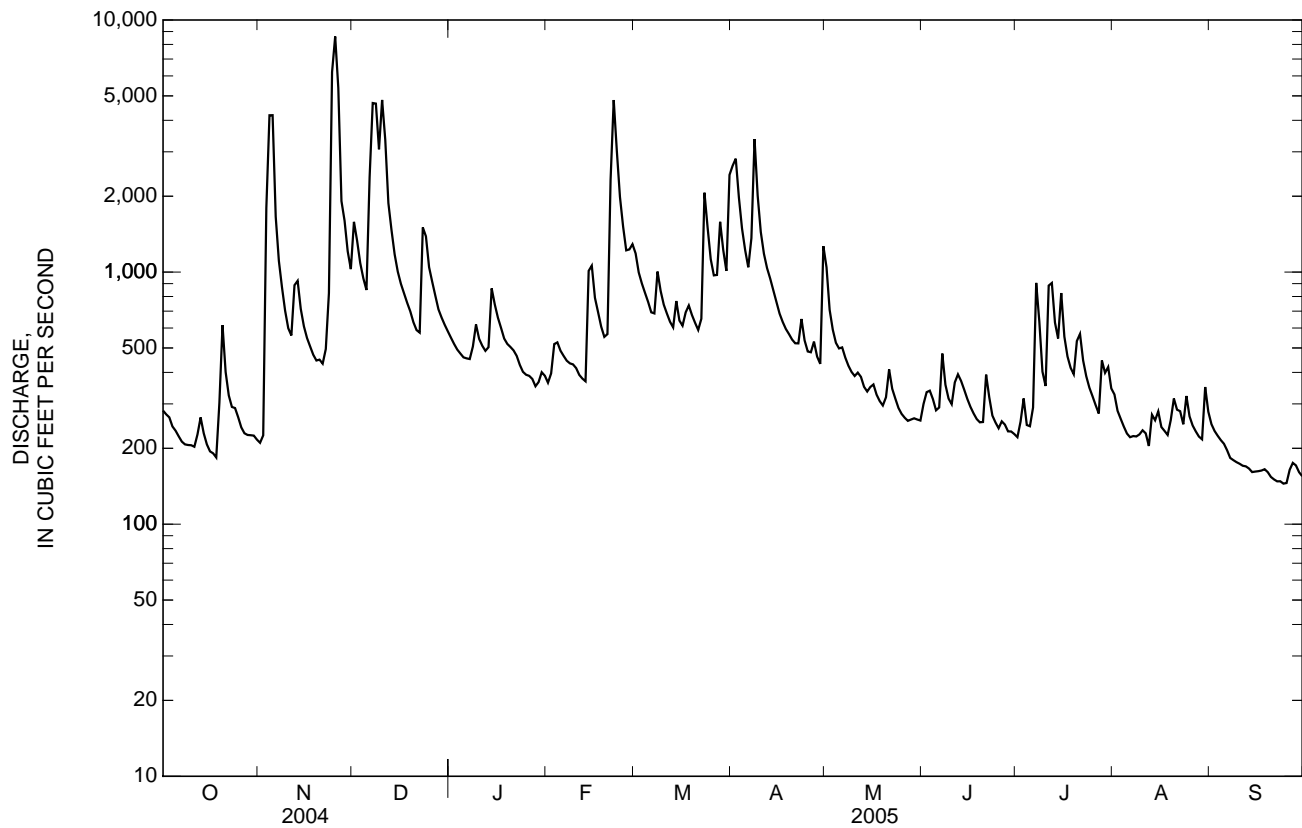
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1959	296	1,120	(1990)	92.4	(2001)
1960	452	1,645	(2005)	105	(1988)
1961	668	2,172	(1962)	122	(2000)
1962	955	2,206	(1962)	252	(1966)
1963	1,213	3,836	(1990)	338	(1988)
1964	1,352	3,112	(1964)	312	(1988)
1965	869	1,835	(1964)	245	(1986)
1966	621	2,707	(2003)	179	(1986)
1967	368	1,470	(1989)	111	(1988)
1968	366	1,106	(1989)	108	(1986)
1969	229	526	(2003)	113	(1987)
1970	233	774	(2004)	107	(2000)

02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1959 - 2005	
ANNUAL TOTAL	269,122		259,732		638	
ANNUAL MEAN	735		712		1,147	
HIGHEST ANNUAL MEAN					249	
LOWEST ANNUAL MEAN					20,800	
HIGHEST DAILY MEAN	8,600	Nov 25	8,600	Nov 25	82	Feb 17, 1990
LOWEST DAILY MEAN	144	Aug 18	145	Sep 24	88	Aug 15, 1988
ANNUAL SEVEN-DAY MINIMUM	152	Aug 14	150	Sep 19	88	Oct 7, 2000
MAXIMUM PEAK FLOW			9,020	Nov 25	23,300	Feb 17, 1990
MAXIMUM PEAK STAGE			18.44	Nov 25	24.25	Feb 17, 1990
ANNUAL RUNOFF (CFSM)	2.01		1.94		1.74	
ANNUAL RUNOFF (INCHES)	27.35		26.40		23.68	
10 PERCENT EXCEEDS	1,390		1,370		1,280	
50 PERCENT EXCEEDS	404		434		339	
90 PERCENT EXCEEDS	177		212		140	

e Estimated



02398950 WEST FORK LITTLE RIVER AT DESOTO STATE PARK NEAR FORT PAYNE, AL

LOCATION.--Lat 34°29'30", long 85°37'00", in SW 1/4 sec. 20, T. 6 S., R. 10 E., DeKalb County, Ala., Hydrologic Unit 03150105, on right bank just off DeSoto Parkway near Park Headquarters, 8 mi northeast of Fort Payne.

DRAINAGE AREA.--42.8 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,370 ft, from topographic map.

REMARKS.--Estimated daily discharge: Jan. 23, 24, Feb. 27, and June 8. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 4	0645	*2,410	*11.00	Dec 9	1645	1,870	10.00
Nov 24	1300	2,150	10.54	Feb 21	2145	1,190	8.48
Dec 6	2300	1,050	8.12				

Minimum discharge, 0.15 ft³/s, Sept. 25, gage height, 1.46 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	21	296	57	41	168	393	177	12	4.2	20	9.2
2	10	12	228	53	50	142	396	127	32	15	17	6.4
3	8.6	350	177	49	75	123	262	101	29	30	13	4.5
4	7.7	1,510	143	46	75	106	201	81	22	14	10	3.2
5	6.6	539	122	43	70	94	160	69	16	21	7.9	2.5
6	5.7	290	584	48	65	82	133	62	14	20	6.3	2.0
7	14	203	870	53	59	80	197	53	55	68	6.6	1.6
8	13	150	458	126	59	145	211	44	e45	53	6.3	1.3
9	4.2	114	1,000	121	57	139	176	37	38	30	7.8	1.1
10	4.5	95	713	106	52	124	144	33	31	21	8.1	1.0
11	4.1	95	363	93	45	107	121	29	44	230	7.3	1.0
12	5.1	157	252	83	42	92	105	25	129	217	6.3	0.93
13	8.7	168	197	105	41	81	92	22	130	130	5.9	0.83
14	10	138	157	214	94	86	80	20	76	93	5.3	0.73
15	9.5	114	132	172	119	78	71	20	48	67	5.0	0.99
16	8.4	97	113	140	109	82	60	19	31	53	3.9	0.92
17	7.3	83	99	114	99	104	54	16	22	38	3.2	0.74
18	7.6	72	87	97	86	109	48	13	16	31	3.5	0.66
19	21	70	77	87	80	101	42	11	12	27	4.0	0.58
20	88	71	65	78	94	89	38	19	12	21	4.5	0.51
21	52	72	60	71	593	79	36	37	19	25	4.8	0.41
22	42	85	60	63	716	84	44	24	19	34	3.9	0.33
23	36	164	166	e54	337	136	63	18	13	20	5.7	0.30
24	30	1,330	152	e47	255	128	43	14	9.1	15	5.1	0.26
25	26	670	129	46	199	114	36	11	7.0	11	11	0.19
26	23	340	110	43	163	98	38	8.6	6.3	8.7	7.0	0.83
27	24	247	95	40	e150	125	44	7.4	5.2	7.0	4.7	1.4
28	16	217	82	36	180	247	38	7.1	4.6	19	3.6	1.0
29	21	177	75	38	---	218	44	6.3	4.2	39	3.3	0.77
30	19	157	68	38	---	171	170	5.9	4.5	30	5.9	0.50
31	26	---	62	43	---	372	---	5.8	---	23	6.4	---
TOTAL	571.0	7,808	7,192	2,404	4,005	3,904	3,540	1,123.1	905.9	1,414.9	213.3	46.68
MEAN	18.4	260	232	77.5	143	126	118	36.2	30.2	45.6	6.88	1.56
MAX	88	1,510	1,000	214	716	372	396	177	130	230	20	9.2
MIN	4.1	12	60	36	41	78	36	5.8	4.2	4.2	3.2	0.19
CFSM	0.43	6.08	5.42	1.81	3.34	2.94	2.76	0.85	0.71	1.07	0.16	0.04
IN.	0.50	6.79	6.25	2.09	3.48	3.39	3.08	0.98	0.79	1.23	0.19	0.04

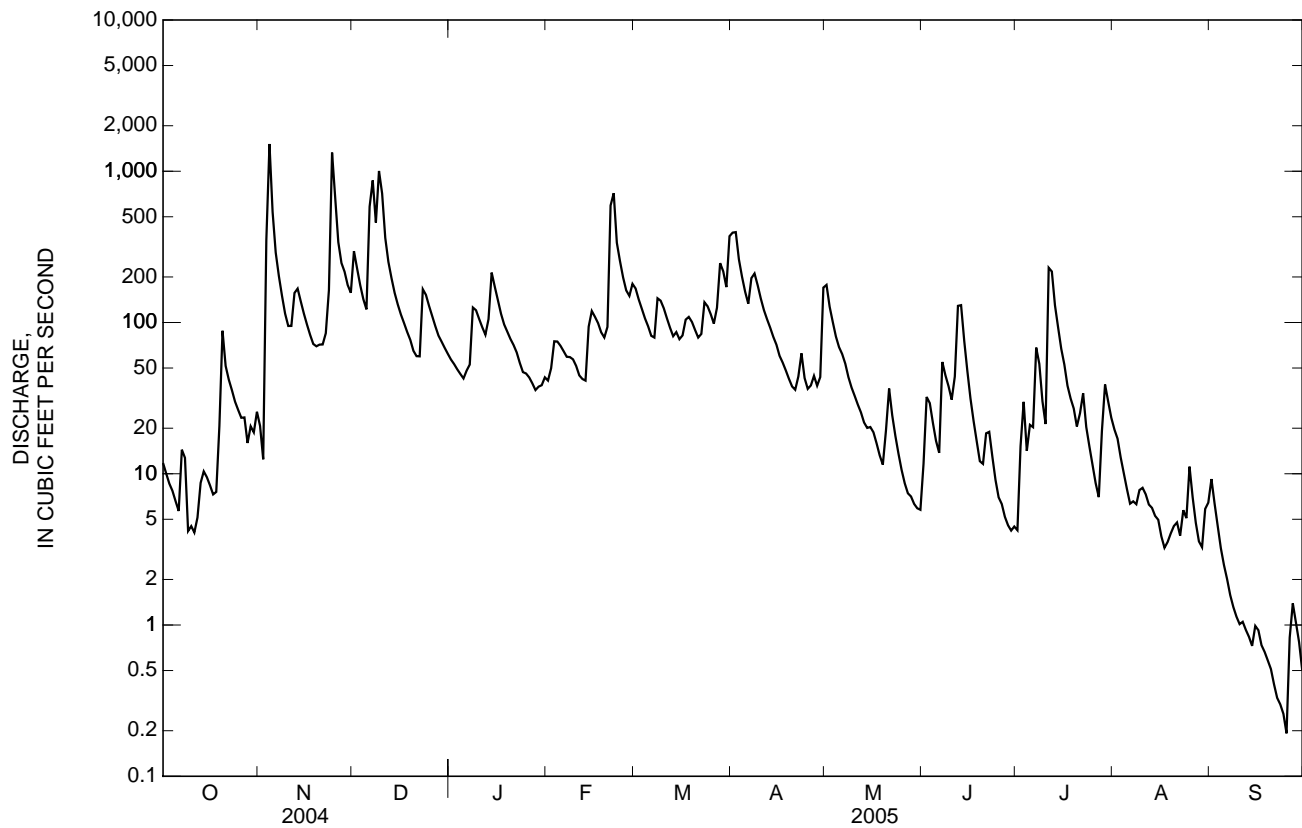
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

MEAN	14.7	69.8	111	152	162	133	109	98.8	22.8	32.3	5.66	37.3
MAX	51.2	260	232	237	268	220	227	364	39.1	88.4	25.0	229
(WY)	(1998)	(2005)	(2005)	(1998)	(2003)	(2001)	(2000)	(2003)	(1999)	(2003)	(2003)	(2004)
MIN	0.14	3.61	25.0	76.0	97.3	104	54.7	17.5	2.68	0.68	0.39	0.03
(WY)	(2000)	(1999)	(2000)	(2003)	(2002)	(1998)	(2004)	(2000)	(2002)	(2002)	(2002)	(1999)

02398950 WEST FORK LITTLE RIVER AT DESOTO STATE PARK NEAR FORT PAYNE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	39,325.89		33,127.88		78.7	
ANNUAL MEAN	107		90.8		119	
HIGHEST ANNUAL MEAN					54.7	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	4,120	Sep 17	1,510	Nov 4	4,120	Sep 17, 2004
LOWEST DAILY MEAN	0.30	Aug 19	0.19	Sep 25	0.01	Sep 15, 1999
ANNUAL SEVEN-DAY MINIMUM	0.62	Jun 16	0.37	Sep 19	0.01	Sep 22, 1999
MAXIMUM PEAK FLOW			2,410	Nov 4	8,990	Sep 17, 2004
MAXIMUM PEAK STAGE			11.00	Nov 4	17.66	Sep 17, 2004
ANNUAL RUNOFF (CFSM)	2.51		2.12		1.84	
ANNUAL RUNOFF (INCHES)	34.18		28.79		24.99	
10 PERCENT EXCEEDS	196		197		166	
50 PERCENT EXCEEDS	48		44		37	
90 PERCENT EXCEEDS	2.4		4.2		0.66	

e Estimated



02399200 LITTLE RIVER NEAR BLUE POND, AL

LOCATION.--Lat 34°17'20", long 85°40'50", in NE ¼ sec. 3, T. 9 S., R. 9 E., Cherokee County, Hydrologic Unit 03150105, on right bank at Canyon Mouth Park, 0.9 mi upstream from State Highway 176, 2.5 mi upstream from Wolf Creek, 4.2 mi northeast of Blue Pond, and 7.5 miles upstream from mouth.

DRAINAGE AREA.--199 mi².

PERIOD OF RECORD.--October 1958 to September 1967, October 1967 to September 1970 (flood hydrograph and low-flow partial-record station), October 1970 to current year.

REVISED RECORD.--WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 589.34 ft above NGVD of 1929. Dec. 1, 1958, to Aug. 1, 1959, nonrecording gage on highway bridge 0.9 mi downstream, and Aug. 2, 1959, to May 27, 1981, recording gage 0.7 mile downstream at datum 7.96 ft lower.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 4	1130	12,400	9.79	Dec 9	1800	6,950	8.31
Nov 24	0930	*21,500	*11.96				

Minimum discharge, 6.5 ft³/s, Sept. 25, gage height, 3.21 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	69	137	1,190	309	191	792	1,860	867	83	34	178	61
2	53	165	1,050	278	223	668	1,930	587	197	32	136	49
3	46	1,720	840	256	371	573	1,300	440	283	29	108	39
4	40	7,130	683	234	401	496	970	349	205	62	85	32
5	36	2,610	582	223	360	435	768	313	143	84	69	27
6	31	1,470	1,890	214	326	387	633	296	134	100	57	23
7	27	1,050	3,720	231	296	363	1,190	250	304	608	61	20
8	25	795	2,180	364	282	588	1,660	208	309	463	65	22
9	39	613	3,730	454	274	583	1,090	170	257	311	64	21
10	28	505	3,030	389	257	518	831	140	192	214	63	17
11	26	485	1,660	353	227	447	669	116	201	1,030	70	15
12	31	805	1,220	325	209	396	566	113	394	1,190	61	13
13	43	867	961	337	199	349	473	97	534	701	55	12
14	53	707	767	777	485	435	402	83	349	554	63	10
15	48	580	638	673	688	391	351	84	240	444	64	10
16	40	494	544	551	554	396	296	100	159	442	65	11
17	35	430	478	456	457	482	255	79	112	356	59	12
18	31	378	420	389	379	506	229	66	84	274	60	11
19	149	349	374	351	334	460	201	57	66	226	88	12
20	495	356	325	326	352	413	174	79	55	212	77	13
21	372	344	298	298	1,890	366	164	165	61	380	90	12
22	289	440	300	267	3,120	386	183	131	86	296	66	11
23	246	830	1,090	232	1,540	1,290	292	94	64	235	69	11
24	241	12,300	970	200	1,200	940	241	72	49	156	125	9.1
25	217	3,520	759	191	925	721	192	57	39	115	107	7.0
26	187	1,810	626	188	751	586	185	47	37	90	80	10
27	164	1,330	525	170	e713	656	244	40	38	90	62	12
28	150	1,160	450	148	e806	1,100	209	38	66	197	49	12
29	142	922	405	155	---	993	194	35	42	371	54	11
30	146	788	370	172	---	781	632	36	37	314	64	11
31	136	---	337	203	---	1,770	---	36	---	229	60	---
TOTAL	3,635	45,090	32,412	9,714	17,810	19,267	18,384	5,245	4,820	9,839	2,374	536.1
MEAN	117	1,503	1,046	313	636	622	613	169	161	317	76.6	17.9
MAX	495	12,300	3,730	777	3,120	1,770	1,930	867	534	1,190	178	61
MIN	25	137	298	148	191	349	164	35	37	29	49	7.0
CFSM	0.59	7.55	5.25	1.57	3.20	3.12	3.08	0.85	0.81	1.59	0.38	0.09
IN.	0.68	8.43	6.06	1.82	3.33	3.60	3.44	0.98	0.90	1.84	0.44	0.10

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1959 - 2005, BY WATER YEAR (WY)

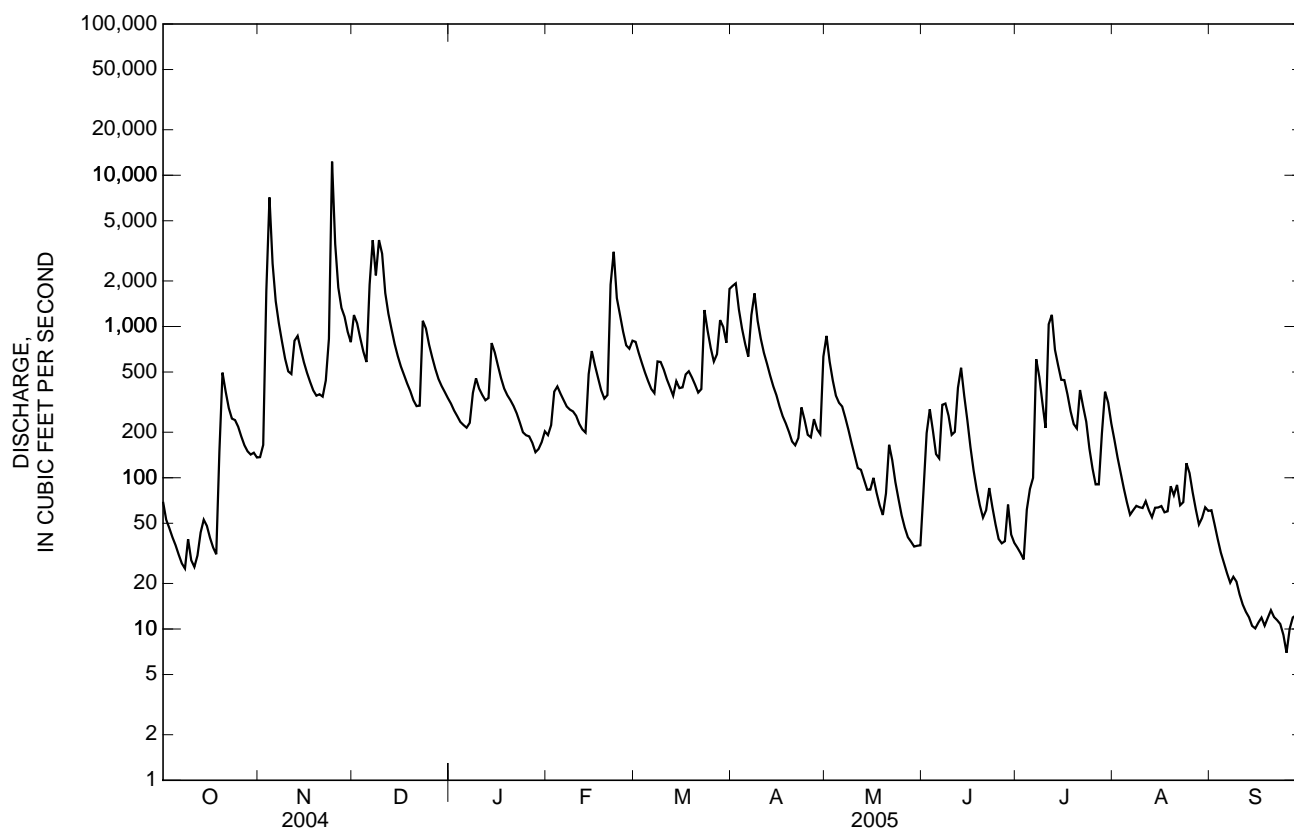
	174	398	645	931	941	1,058	683	390	163	194	77.0	134
MEAN	1,080	1,583	2,020	1,848	3,000	2,596	1,939	1,729	1,101	1,690	578	1,057
(WY)	(1976)	(1993)	(1983)	(1982)	(1990)	(1980)	(1979)	(2003)	(1989)	(1985)	(1984)	(2004)
MIN	1.35	2.69	24.1	132	293	209	118	33.1	4.53	1.83	1.77	0.58
(WY)	(1988)	(1988)	(1966)	(1981)	(1978)	(1974)	(1986)	(1986)	(1988)	(1960)	(1980)	(1999)

MOBILE RIVER BASIN

02399200 LITTLE RIVER NEAR BLUE POND, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1959 - 2005	
ANNUAL TOTAL	196,880.2		169,126.1		480	
ANNUAL MEAN	538		463		784	
HIGHEST ANNUAL MEAN					192	
LOWEST ANNUAL MEAN					1990	
HIGHEST DAILY MEAN	20,900	Sep 17	12,300	Nov 24	27,100	Feb 16, 1990
LOWEST DAILY MEAN	6.7	Aug 19	7.0	Sep 25	0.20	Jul 20, 1960
ANNUAL SEVEN-DAY MINIMUM	8.1	Aug 13	10	Sep 21	0.29	Jul 15, 1960
MAXIMUM PEAK FLOW			21,500	Nov 24	53,800	Jul 24, 1985
MAXIMUM PEAK STAGE			11.96	Nov 24	16.98	Jul 24, 1985
ANNUAL RUNOFF (CFSM)	2.70		2.33		2.41	
ANNUAL RUNOFF (INCHES)	36.80		31.62		32.80	
10 PERCENT EXCEEDS	1,080		979		1,190	
50 PERCENT EXCEEDS	222		246		172	
90 PERCENT EXCEEDS	18		33		5.7	

e Estimated



02399500 COOSA RIVER AT LEESBURG, AL

LOCATION.--Lat 34°10'36", long 85°45'13", in SW 1/4 sec. 12, T. 10 S., R. 8 E., Cherokee County, Hydrologic Unit 03150105, at bridge on U.S. Highway 411, in pool in Weiss Reservoir, 1 mi east of Leesburg, and at mile 226.1.

DRAINAGE AREA.--5,270 mi².

PERIOD OF RECORD.--October 1937 to September 1958. May 1988 to current year (elevations only). Gage-height records October 1959 to April 1988 are unpublished.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929. October 1937 to September 1958 at present site and datum of 517.77 ft above NGVD of 1929.

REMARKS.--Records good. Since December 1949, flow regulated by Allatoona Reservoir (station 02393500) 158.8 mi upstream. Stage affected by Weiss Reservoir since April 1961.

AVERAGE DISCHARGE.--21 years (water years 1938-58), 8,161 ft³/s, 21.03 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 73,200 ft³/s, Feb. 14, 1946, Jan. 24, 1947, gage height, 35.1 ft (former datum), from graph based on wire-weight gage reading; minimum daily discharge, 1,130 ft³/s, Oct. 24-26, 1941. Maximum elevation (since May 1988), 570.87, Mar. 19, 1990; minimum elevation (since May 1988), 556.11 ft, Dec. 25, 1989.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 565.56 ft, Nov. 27; minimum elevation, 557.45 ft, Dec. 30.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	563.00	561.24	562.78	557.90	559.18	561.04	563.09	563.76	563.45	563.79	563.74	562.72
2	562.88	561.13	562.34	558.17	559.19	561.08	563.50	563.92	563.39	563.78	563.67	562.70
3	562.72	561.21	561.84	558.14	559.49	561.31	563.93	563.86	563.67	563.83	563.62	562.73
4	562.58	561.43	561.21	558.00	559.85	561.34	563.97	563.94	563.94	563.94	563.50	562.84
5	562.51	561.92	560.35	558.06	560.03	561.38	563.74	563.88	563.89	564.01	563.44	562.87
6	562.44	562.01	559.69	558.00	560.21	561.59	563.50	563.59	563.85	563.95	563.55	562.72
7	562.69	561.93	559.89	557.92	560.24	561.64	563.18	563.60	563.84	563.91	563.88	562.53
8	562.74	561.79	560.60	558.21	560.29	561.61	563.14	563.73	563.89	563.55	563.99	562.45
9	562.37	561.33	560.98	558.56	560.27	561.56	563.15	563.71	563.87	563.03	563.84	562.36
10	562.18	560.90	561.86	558.57	560.08	561.52	563.04	563.63	563.65	562.67	563.70	562.38
11	562.05	560.54	562.61	558.41	559.90	561.34	563.06	563.63	563.49	562.54	563.62	562.43
12	561.79	560.31	562.96	558.25	560.01	561.44	563.14	563.63	563.38	562.91	563.58	562.43
13	561.61	560.35	562.91	558.07	560.37	561.75	563.17	563.65	563.43	563.12	563.68	562.37
14	561.55	560.39	562.70	558.09	560.60	561.81	563.27	563.68	563.41	563.22	563.72	562.37
15	561.49	560.32	562.34	558.46	560.54	561.90	563.26	563.90	563.52	563.50	563.73	562.36
16	561.64	560.30	561.89	558.89	560.44	561.89	563.33	---	---	563.63	563.72	562.40
17	561.82	560.29	561.46	559.04	560.36	561.72	563.44	563.88	563.41	563.83	563.58	562.51
18	561.60	560.10	561.01	558.94	560.20	561.66	563.32	563.81	563.28	563.85	563.45	562.59
19	561.57	559.80	560.45	558.86	560.29	561.71	563.19	563.71	563.39	563.81	563.40	562.57
20	561.52	559.87	559.83	558.85	560.52	562.11	563.26	563.57	---	563.91	563.51	562.51
21	561.50	559.90	559.10	558.77	560.84	562.09	563.31	---	563.48	564.02	563.59	562.40
22	561.37	559.98	558.38	558.96	561.37	561.88	563.32	563.57	563.49	563.98	563.64	562.29
23	561.44	560.25	558.44	559.35	561.62	561.89	563.38	563.53	---	563.97	563.63	562.16
24	561.61	562.06	558.62	559.49	561.66	562.13	563.65	563.43	---	563.95	563.60	562.13
25	561.55	564.35	558.58	559.43	561.57	562.55	563.70	563.50	---	564.00	563.48	562.13
26	561.41	565.36	558.31	559.47	561.41	562.48	563.64	563.56	---	563.95	563.32	562.16
27	561.31	565.48	558.00	559.32	---	562.36	563.45	563.60	---	563.89	563.33	562.27
28	561.29	564.80	557.82	---	---	562.33	563.32	563.63	---	563.84	563.25	562.25
29	561.18	563.94	557.76	---	---	562.31	563.09	563.66	563.76	563.81	563.09	562.13
30	561.04	563.30	557.70	559.07	---	562.14	563.22	563.58	563.89	563.75	562.71	562.16
31	561.18	---	557.70	559.30	---	562.32	---	563.47	---	563.73	562.72	---
MEAN	561.86	561.55	560.33	---	---	561.80	563.36	---	---	563.67	563.53	562.43
MAX	563.00	565.48	562.96	---	---	562.55	563.97	---	---	564.02	563.99	562.87
MIN	561.04	559.80	557.70	---	---	561.04	563.04	---	---	562.54	562.71	562.13
CAL YR	2004	MEAN	562.08	MAX	565.48	MIN	557.60					

02400100 TERRAPIN CREEK AT ELLISVILLE, AL

LOCATION.--Lat 34°03'54", long 85°36'51", in SW 1/4 sec. 20, T. 11 S., R. 10 E., Cherokee County, Hydrologic Unit 03150105, on right bank 40 ft downstream from bridge on State Highway 9, 0.2 mi southwest of Ellisville, and 6.7 miles upstream from mouth.

DRAINAGE AREA.--252 mi².

PERIOD OF RECORD.--October 1962 to September 1967, October 1967 to September 1972 (annual peak discharge only), October 1972 to September 1979 (flood hydrograph only), October 1980 to current year.

REVISED RECORD.--WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 539.07 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, 28, May 20-23, and July 4-6. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1800	4,550	13.08	Mar 31	1700	*4,980	*13.48

Minimum discharge, 91 ft³/s, Sept. 24, gage height, 7.34 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	119	118	591	282	309	583	2,830	869	272	166	237	160
2	117	132	486	275	353	494	2,770	578	300	158	250	148
3	116	248	410	272	492	437	1,890	442	451	152	218	141
4	115	371	378	265	514	395	1,440	373	359	e186	199	135
5	113	425	362	260	433	369	1,190	348	266	e217	192	129
6	111	250	911	266	376	351	838	355	256	e344	184	124
7	110	199	1,270	268	345	346	1,030	329	979	1,060	209	122
8	111	173	1,140	323	333	1,050	1,850	304	1,010	814	299	119
9	112	158	1,940	315	344	793	1,270	289	660	375	328	118
10	115	145	2,420	284	340	603	910	281	465	542	259	119
11	116	158	1,590	275	312	492	698	299	370	1,510	275	118
12	119	224	1,120	268	299	418	581	308	393	1,410	288	115
13	116	226	765	351	290	375	520	274	382	1,030	286	113
14	115	200	579	758	573	434	490	255	311	802	270	112
15	113	175	470	565	595	395	438	251	268	949	242	112
16	111	162	419	450	488	404	393	252	241	1,190	207	114
17	111	156	385	386	414	412	368	243	220	752	187	113
18	125	151	365	346	362	381	354	232	204	527	182	114
19	276	147	349	330	334	355	340	223	193	413	181	111
20	405	148	330	320	348	341	325	e222	191	365	173	107
21	225	177	316	313	867	324	331	e266	211	355	164	104
22	166	537	319	300	968	359	392	e248	198	327	158	100
23	147	2,620	522	284	715	1,330	476	e225	186	289	155	96
24	141	3,770	501	271	703	1,180	366	218	177	261	269	93
25	135	2,640	406	267	612	815	331	205	169	245	264	94
26	127	1,990	366	266	501	578	355	194	167	231	186	100
27	120	1,400	339	260	e525	508	488	181	168	220	157	103
28	121	1,110	324	249	e700	842	390	178	170	219	147	104
29	118	888	308	280	---	701	346	174	178	244	143	103
30	120	721	300	348	---	551	755	196	175	238	159	101
31	117	---	291	328	---	2,910	---	225	---	229	172	---
TOTAL	4,283	19,819	20,272	10,025	13,445	19,526	24,755	9,037	9,590	15,820	6,640	3,442
MEAN	138	661	654	323	480	630	825	292	320	510	214	115
MAX	405	3,770	2,420	758	968	2,910	2,830	869	1,010	1,510	328	160
MIN	110	118	291	249	290	324	325	174	167	152	143	93
CFSM	0.55	2.62	2.59	1.28	1.91	2.50	3.27	1.16	1.27	2.03	0.85	0.46
IN.	0.63	2.93	2.99	1.48	1.98	2.88	3.65	1.33	1.42	2.34	0.98	0.51

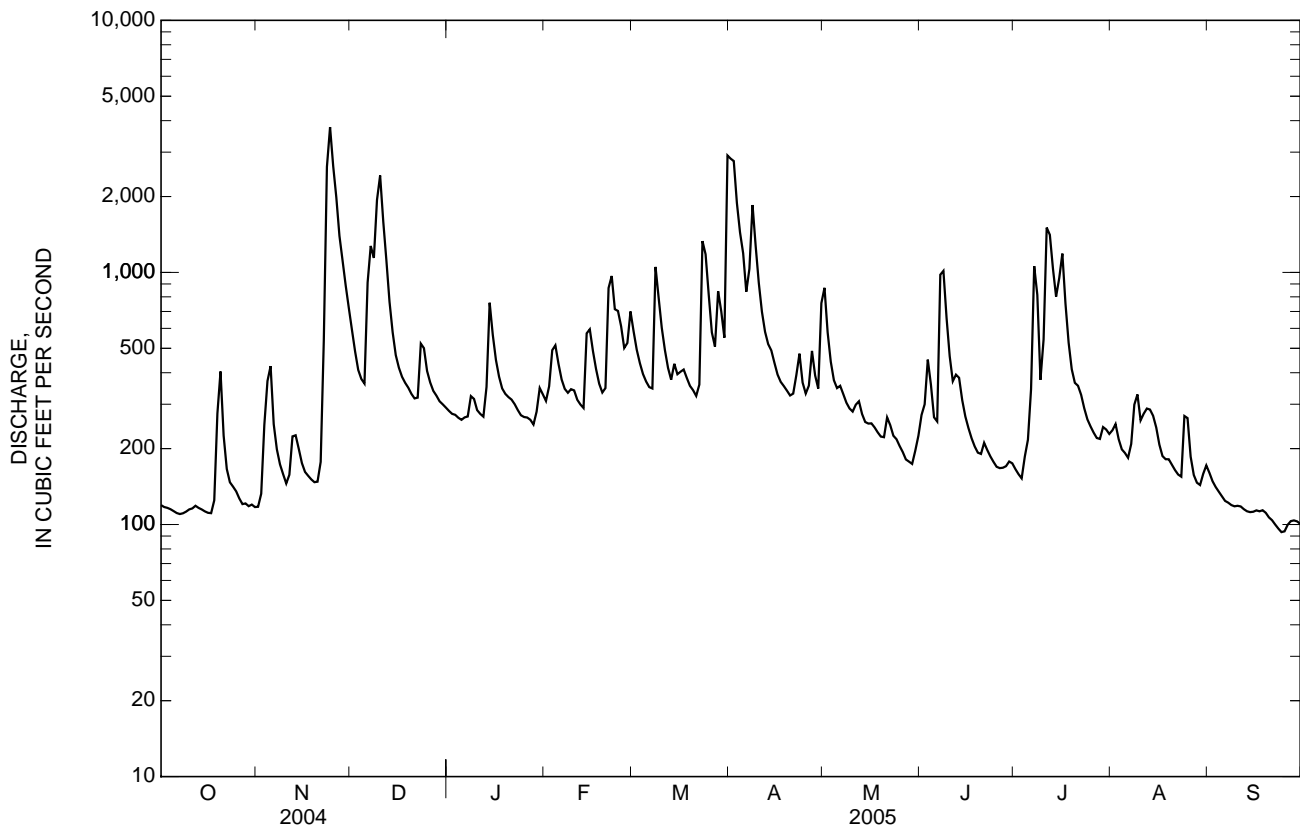
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1963 - 2005, BY WATER YEAR (WY)

MEAN	199	266	380	554	729	794	607	400	260	237	197	157
MAX	1,261	897	1,152	1,293	1,961	1,735	1,215	1,317	972	702	759	321
(WY)	(1996)	(1996)	(1984)	(1993)	(1990)	(1964)	(1982)	(2003)	(1989)	(1989)	(1984)	(2004)
MIN	64.2	89.7	97.6	137	215	200	143	113	79.0	73.9	61.4	57.9
(WY)	(2001)	(1988)	(1989)	(1981)	(2000)	(1988)	(1986)	(1986)	(1988)	(1986)	(2000)	(2000)

02400100 TERRAPIN CREEK AT ELLISVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1963 - 2005	
ANNUAL TOTAL	121,110		156,654		397	
ANNUAL MEAN	331		429		657	
HIGHEST ANNUAL MEAN					147	
LOWEST ANNUAL MEAN					12,000	
HIGHEST DAILY MEAN	3,770	Nov 24	3,770	Nov 24	48	Oct 5, 1995
LOWEST DAILY MEAN	95	Aug 9	93	Sep 24	50	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	99	Aug 4	99	Sep 21	20,100	Mar 4, 1979
MAXIMUM PEAK FLOW			4,980	Mar 31	19.82	Mar 4, 1979
MAXIMUM PEAK STAGE			13.48	Mar 31	48	Aug 31, 2000
INSTANTANEOUS LOW FLOW					1.57	
ANNUAL RUNOFF (CFSM)	1.31		1.70		21.38	
ANNUAL RUNOFF (INCHES)	17.88		23.13		844	
10 PERCENT EXCEEDS	636		877		215	
50 PERCENT EXCEEDS	208		299		99	
90 PERCENT EXCEEDS	115		118			

e Estimated



LOCATION.--Lat 34°00'50", long 85°58'13", in SE $\frac{1}{4}$ sec. 2, T. 12 S., R. 6 E., Etowah County, Hydrologic Unit 03150106, at Alabama Power Company intake structure on left bank at Gadsden Steamplant, 1 mi east of Gadsden, 1.1 mi downstream of Coal Creek, and at mile 174.8.

GAGE.--Water-stage recorder. Datum of gage is 485.97 ft above NGVD of 1929. Gage was used as auxiliary water-stage recorder for station 02400500, Coosa River at Gadsden, AL for the period May 1965 to September 1996.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.80 ft, Nov. 24; minimum gage height, 20.05 ft, Jan. 29.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21.06	21.12	22.51	20.58	20.43	21.22	23.12	21.33	21.09	21.49	21.91	21.12
2	21.11	21.08	22.43	20.72	20.58	21.19	23.01	21.60	21.37	21.51	21.89	21.18
3	21.28	21.45	22.32	20.78	20.73	20.99	22.61	21.58	21.58	21.56	21.75	21.23
4	21.31	22.23	22.40	20.80	20.73	20.78	22.84	21.67	21.73	21.73	21.71	21.23
5	21.15	22.23	22.40	20.85	20.69	20.58	22.86	21.77	21.82	21.84	21.62	21.19
6	21.18	22.42	22.67	20.81	20.67	20.73	22.32	21.76	21.69	21.68	21.75	21.16
7	20.96	22.08	23.03	20.75	20.52	20.88	22.49	21.60	21.69	22.18	21.86	21.18
8	20.99	21.76	22.66	20.90	20.62	21.00	22.80	21.70	21.90	22.41	21.70	21.20
9	21.12	21.37	22.50	21.04	20.69	21.04	22.88	21.62	21.85	22.33	21.81	21.10
10	21.22	21.24	22.90	20.87	20.73	20.80	22.62	21.55	21.91	22.25	21.75	21.15
11	21.13	21.12	22.92	20.78	20.79	20.69	21.92	21.47	21.59	21.84	21.71	21.23
12	21.17	21.59	22.69	20.76	20.72	20.43	21.34	21.53	21.61	22.03	21.71	21.24
13	21.29	21.20	22.75	20.80	20.48	20.61	21.00	21.64	21.82	22.58	21.77	21.06
14	21.35	21.03	22.81	20.84	20.78	20.84	21.04	21.67	21.79	22.86	21.67	20.94
15	21.38	20.94	22.59	20.84	21.00	20.74	21.05	21.63	21.65	22.60	21.48	20.94
16	21.32	20.93	22.39	20.85	20.96	20.65	21.22	21.50	21.45	22.64	21.51	21.09
17	21.24	20.83	22.43	20.83	20.77	20.77	21.21	21.34	21.37	22.38	21.66	21.21
18	21.27	20.75	22.42	20.91	20.66	20.94	21.35	21.30	21.35	22.25	21.65	21.23
19	21.55	20.71	22.37	20.93	20.57	20.84	21.37	21.30	21.44	22.11	21.77	21.24
20	21.51	20.77	22.43	20.97	20.48	20.72	21.25	21.41	21.48	22.04	21.80	21.26
21	21.46	20.86	22.34	20.77	20.91	20.79	21.01	21.39	21.53	21.97	21.68	21.17
22	21.46	20.88	22.29	20.71	21.61	20.86	21.08	21.36	21.51	22.05	21.52	21.07
23	21.52	21.07	21.60	20.80	22.24	21.21	21.24	21.40	21.45	21.77	21.59	20.93
24	21.58	25.01	21.37	20.80	22.60	21.62	21.36	21.35	21.43	21.68	21.66	20.77
25	21.29	24.34	21.46	20.74	22.74	21.50	21.51	21.26	21.36	21.66	21.62	20.79
26	21.00	23.12	21.42	20.70	22.49	21.56	21.64	21.14	21.40	21.71	21.50	20.84
27	20.83	23.01	21.08	20.60	---	20.98	21.69	21.17	21.41	21.89	21.44	20.82
28	20.80	23.27	20.93	20.36	---	21.06	21.68	21.21	21.41	21.86	21.42	21.11
29	20.90	23.71	20.84	---	---	21.24	21.64	21.28	21.39	21.95	21.19	21.22
30	20.93	23.18	20.77	20.36	---	21.43	21.59	21.14	21.38	21.80	21.16	21.27
31	21.09	---	20.59	20.42	---	22.85	---	21.06	---	21.84	21.14	---
MEAN	21.21	21.84	22.14	---	---	21.02	21.82	21.44	21.55	22.02	21.63	21.11
MAX	21.58	25.01	23.03	---	---	22.85	23.12	21.77	21.91	22.86	21.91	21.27
MIN	20.80	20.71	20.59	---	---	20.43	21.00	21.06	21.09	21.49	21.14	20.77
CAL YR	2004	MEAN 21.51	MAX 25.01	MIN 20.24								

LOCATION.--Lat 34°00'37", long 85°59'52", in NW ¼ sec. 10, T. 12 S., R. 6 E., Etowah County, Hydrologic Unit 03150106, near midstream in pier of Etowah County Memorial Bridge on Forrest Avenue in Gadsden, 450 ft downstream from Louisville & Nashville Railroad bridge, 1.5 mi upstream from Big Wills Creek, and at mile 172.9.

PERIOD OF RECORD.--October 1926 to September 1976. October 1971 to current year (flood hydrograph and gage height record only). Gage-height records collected at same site since 1890 are contained in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 485.97 ft above NGVD of 1929. Prior to Oct. 1, 1926, nonrecording gage on Louisville & Nashville Railroad bridge 450 ft upstream at datum 1.15 ft higher. Oct. 1, 1926, to Mar. 31, 1932, water-stage recorder, and Apr. 1, 1932, to May 23, 1935, nonrecording gage, at present site and datum. Since May 4, 1965, auxiliary water-stage recorder 2.2 mi upstream from base gage at present datum.

AVERAGE DISCHARGE.--50 years, (water years 1927-76) 9,468 ft³/s, 22.15 in./yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 76,900 ft³/s, Apr. 11, 1936, gage height, 31.13 ft; minimum daily, 100 ft³/s, many days in water year 1967.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 6, 1886, reached a stage of 37.9 ft, from floodmarks established by U.S. Army Corps of Engineers, discharge, 115,000 ft³/s, from rating curve extended above 80,000 ft³/s. Flood of July 15, 1916, reached a stage of 32.7 ft, discharge, 85,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.12 ft. Nov. 24; minimum gage height, 19.91 ft. Jan. 28.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.91	21.02	22.08	20.48	20.33	21.00	22.54	21.24	21.00	21.39	21.81	21.04
2	20.96	21.01	22.05	20.63	20.50	20.91	22.43	21.47	21.28	21.42	21.77	21.11
3	21.16	21.32	21.93	20.68	20.66	20.81	22.14	21.42	21.52	21.49	21.63	21.17
4	21.20	21.98	21.98	20.68	20.64	20.60	22.43	21.52	21.60	21.63	21.58	21.17
5	21.04	21.95	21.99	20.76	20.62	20.45	22.41	21.62	21.73	21.73	21.51	21.11
6	21.07	22.14	22.26	20.68	20.61	20.64	21.85	21.59	21.58	21.54	21.66	21.08
7	20.88	21.84	22.58	20.64	20.43	20.78	22.04	21.51	21.57	21.96	21.78	21.10
8	20.88	21.54	22.19	20.82	20.55	20.85	22.40	21.62	21.77	22.04	21.57	21.11
9	20.99	21.11	22.03	20.95	20.60	20.85	22.49	21.50	21.70	21.99	21.68	21.01
10	21.15	21.03	22.46	20.78	20.62	20.62	22.26	21.44	21.71	21.96	21.62	21.10
11	21.05	20.92	22.51	20.67	20.68	20.48	21.67	21.36	21.41	21.60	21.59	21.18
12	21.09	21.42	22.27	20.65	20.66	20.31	21.11	21.43	21.50	21.79	21.58	21.17
13	21.21	21.05	22.32	20.67	20.43	20.53	20.74	21.55	21.72	22.15	21.63	20.99
14	21.28	20.91	22.40	20.72	20.64	20.73	20.79	21.59	21.67	22.41	21.54	20.88
15	21.31	20.84	22.19	20.74	20.85	20.63	20.80	21.56	21.53	22.18	21.37	20.88
16	21.27	20.84	22.00	20.76	20.82	20.51	21.00	21.40	21.32	22.27	21.37	21.03
17	21.18	20.71	22.06	20.73	20.65	20.64	21.03	21.22	21.23	22.08	21.53	21.16
18	21.18	20.61	22.05	20.79	20.54	20.83	21.17	21.18	21.27	22.00	21.53	21.17
19	21.46	20.57	22.00	20.82	20.48	20.73	21.23	21.20	21.37	21.87	21.67	21.19
20	21.37	20.68	22.07	20.86	20.41	20.66	21.11	21.30	21.39	21.85	21.70	21.18
21	21.35	20.79	21.98	20.66	20.74	20.67	20.87	21.28	21.44	21.78	21.60	21.09
22	21.34	20.81	21.92	20.64	21.37	20.70	20.94	21.28	21.41	21.84	21.42	21.00
23	21.46	20.89	21.36	20.75	21.82	21.02	21.13	21.29	21.35	21.57	21.49	20.86
24	21.52	24.42	21.16	20.70	22.17	21.34	21.27	21.25	21.32	21.50	21.55	20.73
25	21.20	23.70	21.22	20.65	22.33	21.25	21.39	21.18	21.27	21.49	21.51	20.75
26	20.91	22.56	21.19	20.61	22.12	21.30	21.50	21.05	21.33	21.53	21.39	20.80
27	20.75	22.39	20.92	20.47	---	20.80	21.53	21.07	21.32	21.71	21.36	20.78
28	20.72	22.53	20.78	20.25	---	20.88	21.49	21.13	21.33	21.68	21.29	21.05
29	20.78	22.90	20.68	20.12	---	20.94	21.46	21.18	21.29	21.76	21.07	21.15
30	20.85	22.49	20.62	20.30	---	21.11	21.48	21.04	21.26	21.66	21.07	21.20
31	21.04	---	20.46	20.33	---	22.36	---	20.96	---	21.73	21.08	---
MEAN	21.11	21.57	21.80	20.64	---	20.84	21.56	21.34	21.44	21.79	21.51	21.04
MAX	21.52	24.42	22.58	20.95	---	22.36	22.54	21.62	21.77	22.41	21.81	21.20
MIN	20.72	20.57	20.46	20.12	---	20.31	20.74	20.96	21.00	21.39	21.07	20.73
CAL YR	2004	MEAN 21.36	MAX 24.42	MIN 20.07								

02400680 BIG WILLS CREEK AT STATE HIGHWAY 35 NEAR FORT PAYNE, AL

LOCATION.--Lat 34°26'17", long 85°46'02", in SE ¼ sec. 11, T. 7 S., R. 8 E., Dekalb County, Ala., Hydrologic Unit 03150106, on downstream side of State Highway 35 bridge, about 2 miles west of Fort Payne..

DRAINAGE AREA.--55.4 mi².

PERIOD OF RECORD.--October 2002 - current year.

GAGE.--Water-stage recorder. Elevation of gage is 800 ft. above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Dec. 23-29, Jan. 29, Feb. 27, 28, and July 4-6. Records fair except those estimated which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 3	1445	1,640	10.52	Dec 9	2130	1,880	11.07
Nov 4	0745	*2,460	*12.23	Jul 28	2100	802	8.25
Nov 24	0915	2,220	11.76				

Minimum discharge, 13 ft³/s, Sept. 23, 24, 25, 30, gage height, 3.89 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34	19	278	63	41	125	253	118	43	18	46	24
2	32	24	166	61	55	108	287	92	30	17	37	21
3	31	649	140	58	73	99	190	81	28	29	32	20
4	28	1,600	122	56	62	91	153	73	27	e25	30	19
5	27	303	116	52	55	87	131	67	25	e46	30	18
6	26	176	546	56	53	80	118	64	27	e37	35	18
7	25	135	660	53	50	84	179	59	32	106	31	18
8	25	111	380	124	51	130	176	55	27	51	31	19
9	23	95	1,140	80	49	91	137	52	26	37	27	18
10	23	85	647	72	48	84	122	51	30	35	25	17
11	24	87	340	67	44	78	110	49	31	219	25	17
12	23	123	242	64	43	72	102	46	52	92	56	16
13	29	96	189	121	44	70	95	41	36	68	41	16
14	22	81	154	175	95	90	89	41	30	57	30	16
15	21	73	133	117	78	70	80	51	28	46	25	16
16	20	68	120	106	68	74	76	40	25	40	27	18
17	19	64	109	95	59	88	72	38	24	36	27	16
18	19	59	101	87	53	80	68	35	22	35	25	15
19	93	57	95	82	52	75	65	35	21	35	23	15
20	63	56	86	80	84	71	61	63	20	45	23	15
21	38	57	82	76	458	68	63	51	20	41	22	14
22	30	65	84	70	471	90	65	40	20	42	24	15
23	27	124	e197	65	238	121	123	37	19	33	36	14
24	27	1,620	e234	59	190	92	67	33	19	29	26	14
25	24	477	e137	59	145	84	60	31	18	26	21	14
26	24	262	e104	57	123	79	66	28	19	26	19	21
27	22	208	e85	55	e113	85	61	28	19	29	19	16
28	23	176	e71	47	e128	104	53	29	19	153	19	15
29	24	141	e71	e55	---	90	56	26	18	141	19	14
30	21	135	69	51	---	83	218	26	17	60	43	14
31	20	---	66	48	---	329	---	26	---	52	28	---
TOTAL	887	7,226	6,964	2,311	3,023	2,972	3,396	1,506	772	1,706	902	503
MEAN	28.6	241	225	74.5	108	95.9	113	48.6	25.7	55.0	29.1	16.8
MAX	93	1,620	1,140	175	471	329	287	118	52	219	56	24
MIN	19	19	66	47	41	68	53	26	17	17	19	14
CFSM	0.52	4.35	4.05	1.35	1.95	1.73	2.04	0.88	0.46	0.99	0.53	0.30
IN.	0.60	4.85	4.68	1.55	2.03	2.00	2.28	1.01	0.52	1.15	0.61	0.34

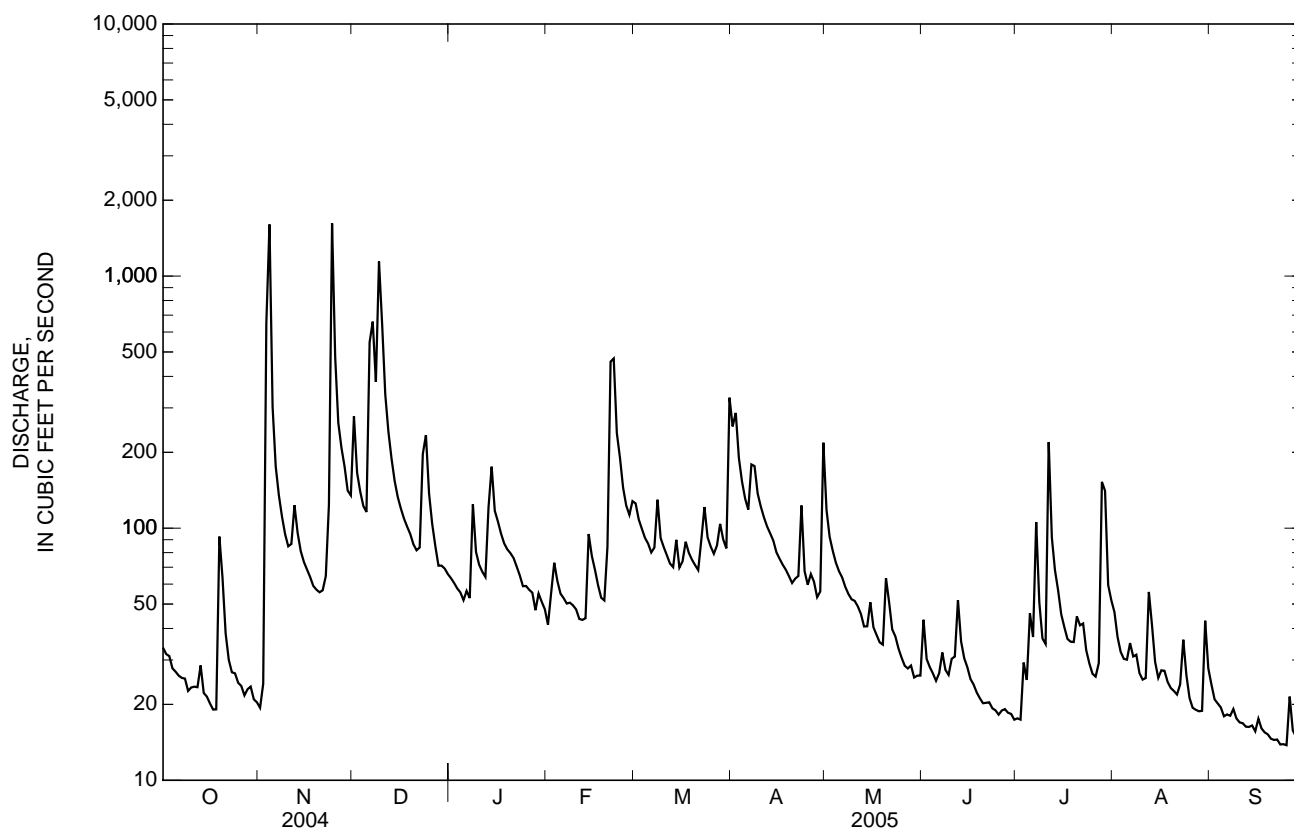
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	28.1	111	134	85.7	149	106	79.2	138	40.2	55.6	33.9	63.5
MAX	36.4	241	225	115	210	126	113	319	63.1	57.6	50.6	134
(WY)	(2003)	(2005)	(2005)	(2004)	(2003)	(2003)	(2005)	(2003)	(2003)	(2004)	(2003)	(2004)
MIN	19.2	30.2	53.4	67.4	108	94.7	53.7	46.3	25.7	54.0	22.1	16.8
(WY)	(2004)	(2004)	(2004)	(2003)	(2005)	(2004)	(2004)	(2004)	(2005)	(2003)	(2004)	(2005)

02400680 BIG WILLS CREEK AT STATE HIGHWAY 35 NEAR FORT PAYNE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	35,871		32,168		85.0	
ANNUAL MEAN	98.0		88.1		102	
HIGHEST ANNUAL MEAN					65.4	
LOWEST ANNUAL MEAN					1,970	
HIGHEST DAILY MEAN	1,970	Sep 17	1,620	Nov 24	1,970	Sep 17, 2004
LOWEST DAILY MEAN	17	Aug 30	14	Sep 21	14	Sep 21, 2005
ANNUAL SEVEN-DAY MINIMUM	18	Aug 27	14	Sep 19	14	Sep 19, 2005
MAXIMUM PEAK FLOW			2,460	Nov 4	3,760	May 6, 2003
MAXIMUM PEAK STAGE			12.23	Nov 4	14.45	May 6, 2003
ANNUAL RUNOFF (CFSM)	1.77		1.59		1.53	
ANNUAL RUNOFF (INCHES)	24.09		21.60		20.85	
10 PERCENT EXCEEDS	168		153		145	
50 PERCENT EXCEEDS	54		53		53	
90 PERCENT EXCEEDS	20		19		20	

e Estimated



02401000 BIG WILLS CREEK NEAR REECE CITY, AL

LOCATION.--Lat 34°05'53", long 86°02'17", in SE ¼ sec. 6, T. 11 S., R. 6 E., Etowah County, Hydrologic Unit 03150105, near right bank on upstream side of bridge on county road, 1 mi upstream from Fisher Creek, 1.8 mi northwest of Reece City, and at mile 25.0.

DRAINAGE AREA.--182 mi².

PERIOD OF RECORD.--October 1943 to September 1970, October 1970 to September 1975 (flood hydrograph only), October 1986 to current year. Prior to October 1986 published as Big Wills Creek "near Crudup".

REVISED RECORD.--WSP 1384: Drainage area. WDR AL-87-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 570 ft, by barometer. Prior to July 10, 1957, nonrecording gage at site 100 ft downstream at same datum.

REMARKS.--Estimated daily discharge: Feb. 20-23, 27, 28, July 13-15. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of 1884 reached a stage of 16.3 ft, from information by local residents.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 5	1600	4,280	10.48	Nov 25	0130	*8,980	*12.91

Minimum discharge, 59 ft³/s, Sept. 25, 26, gage height, 1.83 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	149	116	823	255	187	503	1,520	544	166	92	164	99
2	138	116	758	246	197	418	1,260	316	187	92	159	88
3	131	381	583	236	245	383	899	271	153	99	141	83
4	127	2,230	508	230	246	354	675	246	137	145	130	77
5	118	4,100	457	225	223	330	562	242	128	525	121	75
6	114	1,510	800	223	209	309	494	229	123	512	118	72
7	109	618	1,700	223	206	306	650	212	187	880	126	71
8	108	479	2,180	235	209	458	864	200	208	477	125	72
9	106	398	1,390	297	217	417	604	190	163	285	120	70
10	104	345	2,160	252	214	351	496	184	144	232	113	70
11	99	338	2,070	236	197	325	441	187	323	585	108	67
12	101	498	972	230	190	303	404	181	260	670	105	65
13	106	495	748	248	186	288	377	169	244	e371	118	65
14	102	373	599	468	256	364	351	161	193	e302	138	66
15	100	325	510	409	335	350	324	162	168	e261	107	66
16	90	300	457	342	282	312	296	169	152	227	99	67
17	86	284	420	314	255	337	275	158	139	207	100	69
18	84	269	390	292	235	349	262	149	130	221	100	68
19	194	256	364	277	221	318	253	143	122	201	106	63
20	678	249	338	268	e237	301	240	162	116	212	95	62
21	267	242	318	259	e552	289	241	229	113	259	90	63
22	195	285	308	248	e591	339	251	186	111	202	88	63
23	167	831	464	233	e760	1,100	256	157	108	180	91	62
24	162	5,020	497	221	631	585	278	148	103	162	93	61
25	153	7,340	385	216	517	447	229	140	100	148	108	60
26	137	2,550	351	212	437	395	227	133	101	141	89	75
27	132	1,030	326	206	e398	420	246	128	98	136	84	77
28	125	927	304	197	e579	630	224	126	106	178	81	74
29	122	692	288	193	---	480	210	128	99	277	81	68
30	127	580	276	194	---	411	428	125	94	266	86	66
31	124	---	265	191	---	1,280	---	123	---	194	103	---
TOTAL	4,555	33,177	22,009	7,876	9,012	13,452	13,837	5,898	4,476	8,739	3,387	2,104
MEAN	147	1,106	710	254	322	434	461	190	149	282	109	70.1
MAX	678	7,340	2,180	468	760	1,280	1,520	544	323	880	164	99
MIN	84	116	265	191	186	288	210	123	94	92	81	60
CFSM	0.81	6.08	3.90	1.40	1.77	2.38	2.53	1.05	0.82	1.55	0.60	0.39
IN.	0.93	6.78	4.50	1.61	1.84	2.75	2.83	1.21	0.91	1.79	0.69	0.43

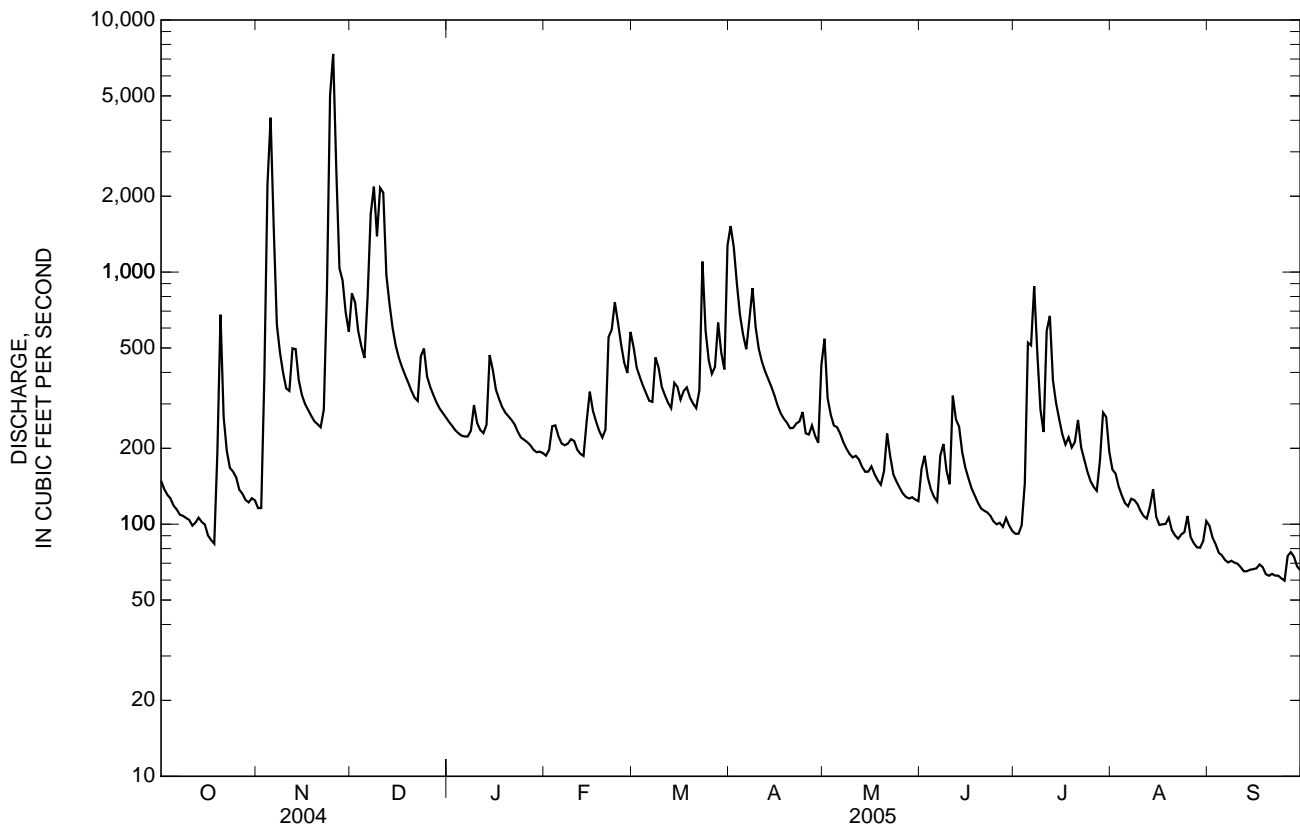
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	111	204	291	495	616	628	466	301	181	165	100	114
MAX	557	1,222	1,022	1,487	1,783	1,504	1,258	1,280	637	485	192	614
(WY)	(1996)	(1949)	(1968)	(1947)	(1990)	(1964)	(1964)	(2003)	(1997)	(1989)	(1950)	(1950)
MIN	30.1	33.5	43.7	38.5	157	128	151	86.5	44.6	48.2	48.9	35.7
(WY)	(1955)	(1957)	(1966)	(1956)	(2000)	(1988)	(1995)	(1988)	(1988)	(1988)	(1954)	(1955)

02401000 BIG WILLS CREEK NEAR REECE CITY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	141,309		128,522		304	
ANNUAL MEAN	386		352		112	
HIGHEST ANNUAL MEAN					501	
LOWEST ANNUAL MEAN					112	
HIGHEST DAILY MEAN	7,340	Nov 25	7,340	Nov 25	12,600	Mar 29, 1951
LOWEST DAILY MEAN	72	Jun 14	60	Sep 25	22	Sep 22, 1955
ANNUAL SEVEN-DAY MINIMUM	76	Aug 14	62	Sep 19	23	Oct 1, 1986
MAXIMUM PEAK FLOW			8,980	Nov 25	15,800	Feb 17, 1990
MAXIMUM PEAK STAGE			12.91	Nov 25	15.07	Feb 17, 1990
ANNUAL RUNOFF (CFSM)	2.12		1.93		1.67	
ANNUAL RUNOFF (INCHES)	28.88		26.27		22.73	
10 PERCENT EXCEEDS	679		601		610	
50 PERCENT EXCEEDS	194		224		158	
90 PERCENT EXCEEDS	85		89		55	

e Estimated



02401390 BIG CANOE CREEK AT ASHVILLE, AL

LOCATION.--Lat 33°50'23", long 86°15'46", in SW ¼ SE ¼ sec. 6, T. 14 S., R. 4 E., St. Clair County, Hydrologic Unit 03150106, on downstream side of bridge on U.S. Highway 231, 0.5 mi west-northwest of Ashville, 1.7 mi downstream from Muckleroy Creek, and 22.3 mi upstream from mouth.

DRAINAGE AREA.--141 mi².

PERIOD OF RECORD.--October 1965 to current year.

REVISED RECORDS.--WDR AL-76-1: 1971-75 (P). WDR AL-82-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 529.56 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records good, except those estimated which are fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1630	*14,800	*19.05	Apr 1	0130	4,400	14.83

Minimum discharge, 26 ft³/s, Sept. 25, gage height, 1.61 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	65	94	873	181	150	540	3,990	1,490	521	56	118	60
2	61	105	616	170	257	403	2,950	380	358	59	105	50
3	58	364	499	161	382	339	1,200	275	465	50	92	46
4	55	1,070	425	155	270	299	664	216	260	52	78	42
5	51	643	375	148	221	268	525	189	171	98	76	40
6	49	405	595	147	199	234	440	171	135	360	79	39
7	46	311	1,220	151	182	244	870	152	162	754	178	36
8	44	252	1,590	190	198	803	780	137	312	257	190	36
9	44	204	935	175	250	454	557	124	407	159	173	35
10	46	176	1,180	146	256	391	445	116	276	594	98	35
11	47	508	708	139	195	328	377	108	305	1,120	85	33
12	51	1,490	559	134	178	282	333	99	466	703	85	32
13	51	784	464	311	172	257	301	92	380	490	118	32
14	47	490	381	872	766	671	262	87	258	611	165	31
15	44	367	327	397	463	426	231	89	192	1,100	79	31
16	42	304	295	313	339	392	203	91	151	594	66	31
17	45	260	274	265	287	376	182	81	122	428	62	33
18	39	230	251	230	242	321	168	75	101	323	72	32
19	373	208	232	209	212	281	155	68	88	531	66	31
20	1,610	223	209	200	213	255	143	69	80	2,420	63	29
21	380	515	193	189	685	233	134	96	73	579	54	29
22	230	1,950	193	176	465	349	136	86	77	539	60	29
23	174	5,450	758	159	353	959	164	71	68	309	65	28
24	243	11,200	478	142	622	566	131	64	63	231	152	27
25	222	8,020	351	138	416	420	113	59	58	184	70	27
26	165	2,330	306	136	333	346	125	55	62	153	55	54
27	140	958	267	130	e314	564	198	53	58	136	51	83
28	141	1,140	237	119	e708	820	135	51	54	156	48	44
29	131	684	219	189	---	540	112	53	58	133	54	36
30	116	568	205	255	---	417	1,410	76	59	126	101	33
31	105	---	193	176	---	2,610	---	78	---	108	83	---
TOTAL	4,915	41,303	15,408	6,503	9,328	15,388	17,434	4,851	5,840	13,413	2,841	1,124
MEAN	159	1,377	497	210	333	496	581	156	195	433	91.6	37.5
MAX	1,610	11,200	1,590	872	766	2,610	3,990	1,490	521	2,420	190	83
MIN	39	94	193	119	150	233	112	51	54	50	48	27
CFSM	1.12	9.76	3.53	1.49	2.36	3.52	4.12	1.11	1.38	3.07	0.65	0.27
IN.	1.30	10.90	4.07	1.72	2.46	4.06	4.60	1.28	1.54	3.54	0.75	0.30

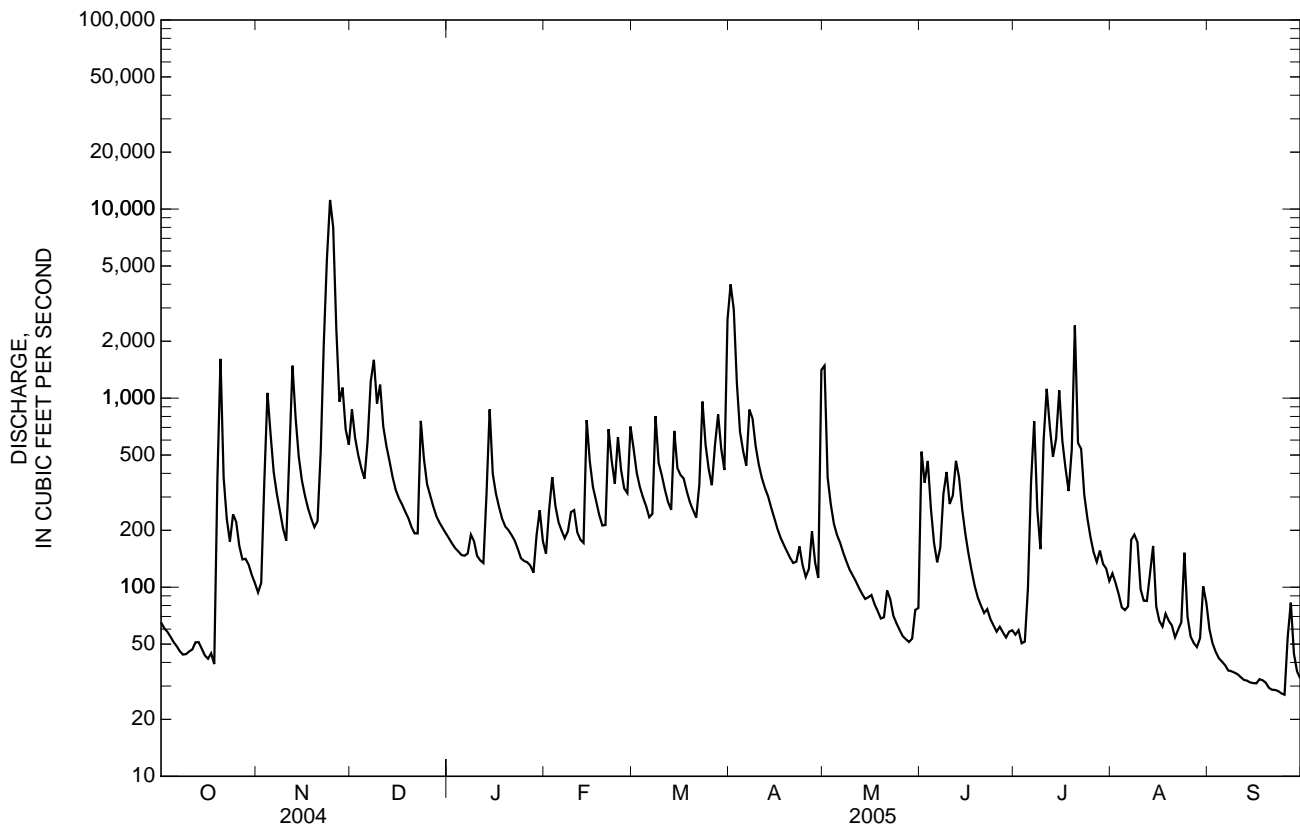
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)

MEAN	102	194	306	484	490	587	436	254	142	108	53.6	101
MAX	715	1,377	1,042	1,017	1,219	1,720	1,568	1,168	1,222	433	171	508
(WY)	(1996)	(2005)	(1984)	(1973)	(1990)	(1980)	(1979)	(2003)	(1997)	(2005)	(1992)	(2004)
MIN	10.9	16.7	23.0	43.3	117	151	49.4	38.5	22.0	15.2	15.5	12.4
(WY)	(2001)	(1979)	(1966)	(1981)	(2000)	(1986)	(1986)	(2000)	(1988)	(2000)	(2000)	(2000)

02401390 BIG CANOE CREEK AT ASHVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1966 - 2005	
ANNUAL TOTAL	139,436		138,348		270	
ANNUAL MEAN	381		379		423	
HIGHEST ANNUAL MEAN					84.8	
LOWEST ANNUAL MEAN					11,200	
HIGHEST DAILY MEAN	11,200	Nov 24	11,200	Nov 24	11,200	Nov 24, 2004
LOWEST DAILY MEAN	28	Sep 6	27	Sep 24	8.2	Oct 21, 2000
ANNUAL SEVEN-DAY MINIMUM	29	Aug 31	29	Sep 19	9.4	Oct 16, 2000
MAXIMUM PEAK FLOW			14,800	Nov 24	14,800	Nov 24, 2004
MAXIMUM PEAK STAGE			19.05	Nov 24	19.05	Nov 24, 2004
ANNUAL RUNOFF (CFSM)	2.70		2.69		1.92	
ANNUAL RUNOFF (INCHES)	36.79		36.50		26.06	
10 PERCENT EXCEEDS	669		705		564	
50 PERCENT EXCEEDS	141		189		98	
90 PERCENT EXCEEDS	42		48		22	

e Estimated



LOCATION.--Lat 33°36'07", long 85°47'07", in SE ¼ SE ¼ sec. 27, T. 16 S., R. 8 E., Calhoun County, Hydrologic Unit 03150106, on left bank 0.5 mi upstream of truss bridge, upstream of Boiling Spring and 3 mi east of Oxford, 1 mi south of the town of Boiling Spring.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Minimum discharge, 56 ft³/s, Sept. 22, 24, 25, gage height, 3.42 ft.

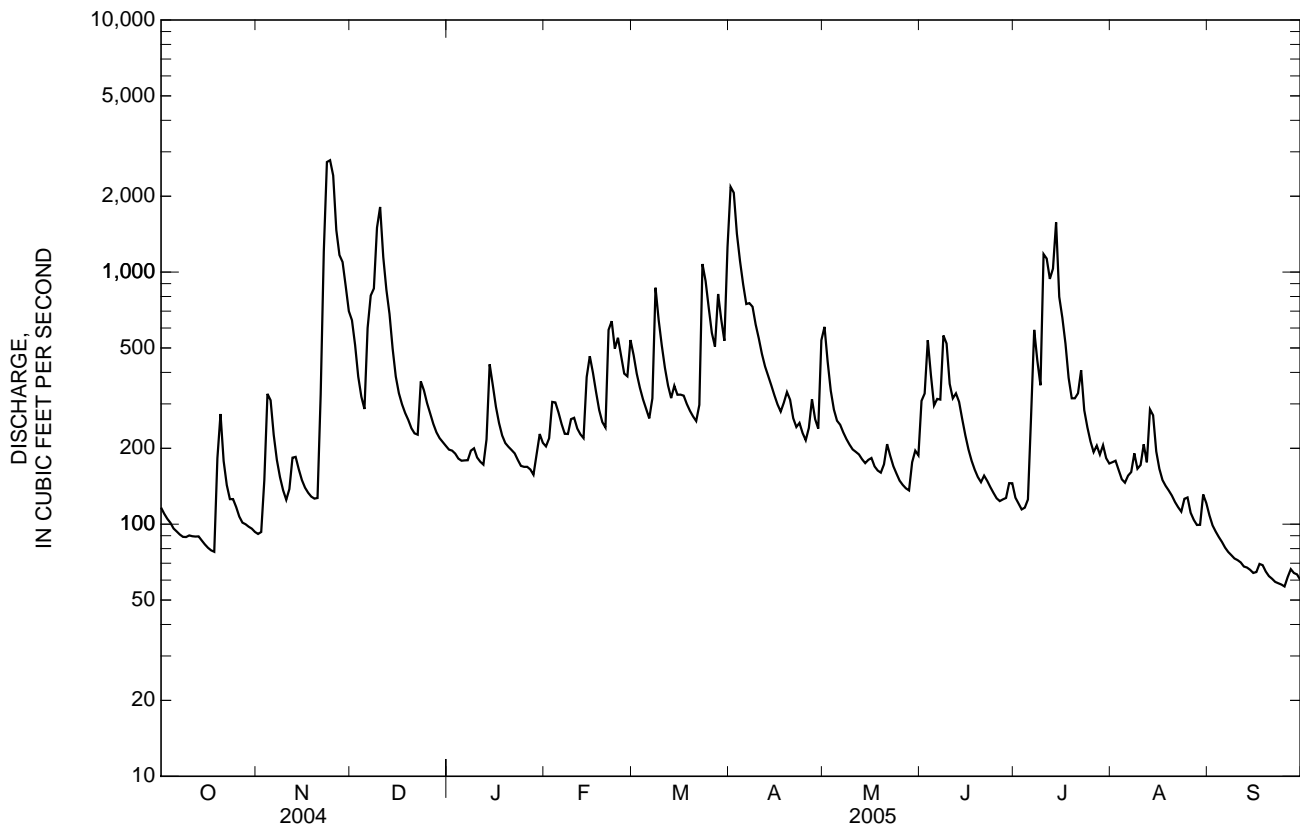
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	91	644	198	203	469	2,180	606	309	127	176	108
2	110	93	513	196	219	396	2,060	442	330	121	178	99
3	105	150	385	190	306	348	1,420	338	537	114	164	93
4	101	329	320	182	304	313	1,110	285	390	116	151	89
5	96	310	286	179	277	287	894	257	296	125	146	85
6	94	226	600	179	249	263	747	248	314	266	156	81
7	91	180	807	179	228	316	753	231	312	590	161	78
8	89	154	861	196	228	867	729	218	560	446	191	75
9	89	136	1,500	200	261	646	620	207	521	356	166	73
10	90	125	1,810	184	264	512	546	198	360	1,180	172	72
11	90	138	1,150	177	239	417	473	194	316	1,130	207	71
12	89	184	851	172	227	355	422	189	330	940	176	68
13	89	185	682	217	219	316	388	181	306	1,030	285	67
14	86	165	496	431	383	354	355	175	261	1,580	270	66
15	83	150	385	356	464	326	324	180	225	798	194	64
16	81	140	331	292	399	327	298	183	198	659	166	65
17	79	133	299	252	334	323	280	169	178	520	150	70
18	78	129	276	225	284	300	303	163	164	381	142	69
19	183	126	259	210	254	282	334	160	154	316	136	65
20	274	127	240	203	242	267	312	173	147	316	130	62
21	178	326	229	197	590	256	263	208	156	331	122	61
22	143	1,210	227	191	638	297	243	187	148	408	117	59
23	126	2,730	368	180	497	1,080	252	170	140	283	112	58
24	126	2,780	339	170	549	922	230	159	133	242	126	58
25	117	2,420	302	169	465	722	215	149	127	213	128	57
26	107	1,470	275	169	396	574	241	143	123	193	111	62
27	101	1,170	250	165	e386	507	313	139	125	205	104	66
28	100	1,100	231	157	e538	819	261	136	127	189	99	64
29	98	881	219	189	---	649	239	176	145	206	99	63
30	96	700	212	228	---	534	537	196	145	183	131	60
31	93	---	204	210	---	1,250	---	188	---	174	121	---
TOTAL	3,398	18,058	15,551	6,443	9,643	15,294	17,342	6,648	7,577	13,738	4,787	2,128
MEAN	110	602	502	208	344	493	578	214	253	443	154	70.9
MAX	274	2,780	1,810	431	638	1,250	2,180	606	560	1,580	285	108
MIN	78	91	204	157	203	256	215	136	123	114	99	57
CFSM	0.57	3.15	2.63	1.09	1.80	2.58	3.03	1.12	1.32	2.32	0.81	0.37
IN.	0.66	3.52	3.03	1.25	1.88	2.98	3.38	1.29	1.48	2.68	0.93	0.41

[illegible]

02403310 CHOCCOLOCCO CREEK NEAR BOILING SPRING, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	96,236		120,607		349	
ANNUAL MEAN	263		330		523	
HIGHEST ANNUAL MEAN					194	
LOWEST ANNUAL MEAN					4,170	
HIGHEST DAILY MEAN	2,780	Nov 24	2,780	Nov 24	57	May 8, 2003
LOWEST DAILY MEAN	63	Aug 20	57	Sep 25	60	Sep 25, 2005
ANNUAL SEVEN-DAY MINIMUM	68	Aug 16	60	Sep 20	60	Sep 20, 2005
MAXIMUM PEAK FLOW			3,160	Nov 23	5,200	May 7, 2003
MAXIMUM PEAK STAGE			13.02	Nov 23	17.20	May 7, 2003
ANNUAL RUNOFF (CFSM)	1.38		1.73		1.83	
ANNUAL RUNOFF (INCHES)	18.74		23.49		24.83	
10 PERCENT EXCEEDS	534		668		717	
50 PERCENT EXCEEDS	154		213		207	
90 PERCENT EXCEEDS	89		90		87	

e Estimated



02404400 CHOCCOLOCCO CREEK AT JACKSON SHOALS NEAR LINCOLN, AL

LOCATION.--Lat 33°32'54", long 86°05'49", in SE ¼ SE ¼ sec. 15, T. 17 S., R. 5 E., Talladega County, Hydrologic Unit 03150106, on left bank at foot of Jackson Shoals, 50 ft upstream from Alabama Power Company Jackson Shoals transformer station, 900 ft upstream from highway bridge, 1.8 mi downstream from Eastaboga Creek, and 4.5 mi southeast of Lincoln.

DRAINAGE AREA.--481 mi².

PERIOD OF RECORD.--October 1960 to September 1967, October 1967 to September 1970 (annual peak discharge only), October 1970 to September 1974 (gage-height record only in files of Geological Survey), October 1974 to September 1984 (flood hydrograph only), October 1984 to current year.

REVISED RECORD.--WSP 1906: 1961, 1962. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 448.50 ft above NGVD of 1929 (Alabama Power Company benchmark).

REMARKS.--Estimated daily discharge: Feb. 27, 28, Sept. 19, 20, 28, and 29. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE OF PERIOD OF RECORD.--Flood of March 1951 reached a stage of 42.4 ft from floodmarks.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	2200	*8,930	*27.27	Apr 1	2000	5,780	24.87

Minimum discharge, 222 ft³/s, Sept. 25, gage height, 17.82 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	333	304	1,510	637	629	1,530	4,910	1,610	931	379	531	367
2	320	350	1,340	619	654	1,300	5,080	1,200	1,150	369	534	342
3	309	467	1,130	607	830	1,160	3,670	969	2,140	345	510	317
4	298	920	1,000	591	881	1,060	2,730	834	1,140	351	475	305
5	291	928	923	578	823	988	2,250	754	857	340	452	297
6	282	672	1,540	581	767	915	1,820	721	735	384	451	288
7	276	547	2,040	584	712	961	1,910	677	945	1,190	461	280
8	265	473	2,160	635	720	2,720	1,870	639	1,160	890	583	278
9	262	433	2,930	623	967	1,900	1,580	609	1,010	693	516	281
10	267	401	3,850	595	1,060	1,540	1,380	582	865	1,500	490	273
11	269	480	2,810	589	906	1,320	1,250	559	735	2,230	550	266
12	275	594	2,010	567	821	1,170	1,150	544	778	1,970	531	263
13	270	565	1,630	619	779	1,070	1,070	522	727	1,750	584	261
14	264	511	1,380	1,380	1,300	1,070	1,000	508	653	2,940	809	257
15	256	466	1,150	1,100	1,380	1,030	934	524	585	1,990	596	255
16	249	440	1,030	915	1,220	1,040	875	572	535	1,530	515	257
17	245	420	957	807	1,070	1,040	816	503	490	1,250	470	279
18	239	407	900	730	950	978	788	469	460	976	441	263
19	527	397	852	684	867	919	829	450	439	836	438	e256
20	1,060	395	795	665	822	882	802	445	420	847	416	e252
21	576	783	756	649	1,310	845	780	544	527	841	399	248
22	425	2,200	750	627	1,540	933	769	496	482	955	379	243
23	369	6,570	985	594	1,330	3,020	767	460	414	815	371	233
24	380	7,160	1,010	564	1,550	2,320	691	435	394	685	400	230
25	361	5,700	898	555	1,410	1,750	639	403	376	621	419	232
26	328	4,200	840	550	1,210	1,480	728	395	365	578	376	259
27	312	2,610	780	539	e1,230	1,450	908	381	356	555	346	265
28	318	2,220	731	526	e1,630	1,900	752	370	358	579	339	e253
29	349	1,830	695	626	---	1,700	671	446	452	649	332	e246
30	330	1,540	672	731	---	1,450	1,710	629	403	563	419	241
31	315	---	653	675	---	3,220	---	527	---	540	410	---
TOTAL	10,620	44,983	40,707	20,742	29,368	44,661	45,129	18,777	20,882	30,141	14,543	8,087
MEAN	343	1,499	1,313	669	1,049	1,441	1,504	606	696	972	469	270
MAX	1,060	7,160	3,850	1,380	1,630	3,220	5,080	1,610	2,140	2,940	809	367
MIN	239	304	653	526	629	845	639	370	356	340	332	230
CFSM	0.71	3.12	2.73	1.39	2.18	3.00	3.13	1.26	1.45	2.02	0.98	0.56
IN.	0.82	3.48	3.15	1.60	2.27	3.45	3.49	1.45	1.61	2.33	1.12	0.63

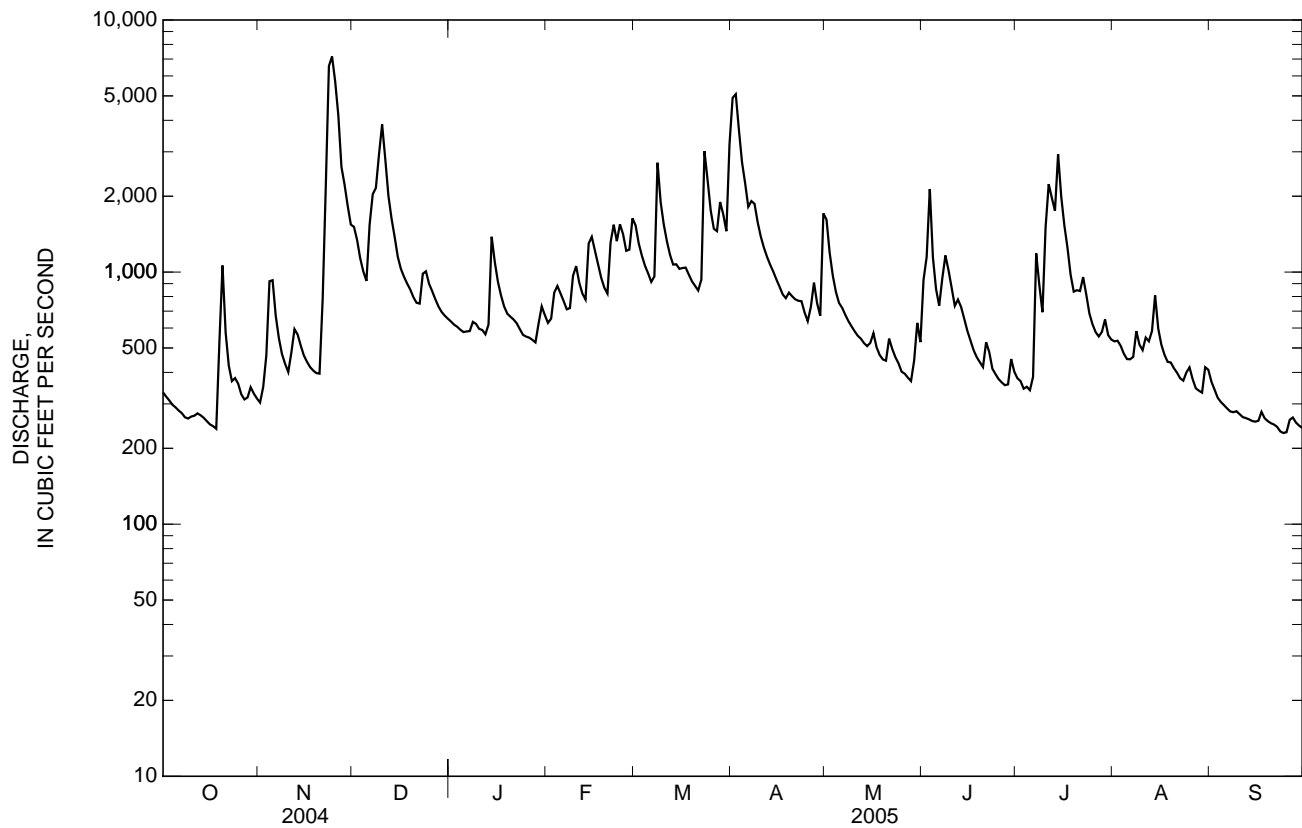
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2005, BY WATER YEAR (WY)

	321	469	646	941	1,466	1,541	1,091	770	536	489	360	319
MEAN	321	469	646	941	1,466	1,541	1,091	770	536	489	360	319
MAX	1,792	1,572	2,028	2,273	4,066	3,625	2,150	3,953	1,676	1,561	1,697	843
(WY)	(1996)	(1993)	(1962)	(1993)	(1961)	(1990)	(1964)	(2003)	(1997)	(2003)	(1967)	(2004)
MIN	124	175	190	223	308	350	225	179	143	138	156	127
(WY)	(2001)	(1988)	(2000)	(1986)	(1986)	(1988)	(1986)	(1986)	(1986)	(1986)	(1988)	(2000)

02404400 CHOCCOLOCCO CREEK AT JACKSON SHOALS NEAR LINCOLN, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1961 - 2005	
ANNUAL TOTAL	259,375		328,640		742	
ANNUAL MEAN	709		900		1,316	
HIGHEST ANNUAL MEAN					221	
LOWEST ANNUAL MEAN					28,300	
HIGHEST DAILY MEAN	7,160	Nov 24	7,160	Nov 24	105	Apr 30, 1963
LOWEST DAILY MEAN	236	Aug 20	230	Sep 24	108	Aug 8, 1986
ANNUAL SEVEN-DAY MINIMUM	247	Aug 17	242	Sep 19	36,900	Apr 30, 1963
MAXIMUM PEAK FLOW			8,930	Nov 23	39.98	Apr 30, 1963
MAXIMUM PEAK STAGE			27.27	Nov 23	1.54	
ANNUAL RUNOFF (CFSM)	1.47		1.87		20.96	
ANNUAL RUNOFF (INCHES)	20.06		25.42		1,480	
10 PERCENT EXCEEDS	1,270		1,700		421	
50 PERCENT EXCEEDS	460		649		193	
90 PERCENT EXCEEDS	282		282			

e Estimated



02405500 KELLY CREEK NEAR VINCENT, AL

LOCATION.--Lat 33°26'51", long 86°23'13", in SW 1/4 sec. 24, T. 18 S., R. 2 E., Shelby County, Hydrologic Unit 03150106, on downstream side of left pier of bridge on U.S. Highway 231, 1.5 mi downstream from Little Creek, 4.2 mi north of Vincent, and 5 mi upstream from mouth.

DRAINAGE AREA.--193 mi².

PERIOD OF RECORD.--December 1951 to September 1970, June 1979 to September 1981 (discharge measurements only), October 1986 to current year.

REVISED RECORDS.--WSP 1383: Drainage area. WSP 1906: 1952, 1957.

GAGE.--Water-stage recorder. Datum of gage is 404.09 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Oct. 6-7, Dec. 7-9, Jan. 5-7, and Feb. 27-28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of April 13, 1979 reached a gage height of 27.39, from floodmarks, discharge 33,400 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	1000	*8,610	*19.82	No other peak greater than base discharge.			

Minimum discharge, 12 ft³/s, Sept. 17, 18, 24, 25, gage height, 1.28 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	64	968	208	291	887	2,890	633	1,150	63	107	51
2	55	346	712	189	372	635	2,720	319	841	57	115	38
3	50	1,140	587	172	627	514	1,410	221	1,190	64	86	30
4	46	1,820	489	161	511	435	1,030	154	683	74	69	26
5	43	1,060	430	e186	415	377	590	116	418	51	64	22
6	e39	574	951	e206	357	325	444	202	302	52	66	25
7	e35	406	e1,650	e224	321	376	815	134	280	231	64	19
8	33	314	e1,920	449	396	1,590	686	95	534	140	91	18
9	32	248	e1,980	367	596	909	555	78	505	92	113	16
10	32	194	2,090	296	576	705	472	69	325	438	86	15
11	34	521	1,200	277	437	548	411	64	413	1,160	66	15
12	37	1,370	800	263	381	438	377	58	702	687	56	15
13	41	936	627	421	343	378	339	52	581	499	52	14
14	40	617	502	1,270	1,220	354	297	47	408	1,230	52	14
15	35	445	406	733	1,080	318	256	59	313	2,960	50	13
16	32	353	358	540	728	316	208	103	238	1,000	41	13
17	30	300	320	428	557	315	168	71	177	672	38	13
18	30	262	303	362	438	287	144	50	137	423	67	13
19	175	238	281	334	373	254	135	43	111	313	56	17
20	815	267	240	317	342	227	112	40	100	392	48	17
21	253	664	205	301	620	208	110	62	120	255	39	16
22	145	2,100	205	272	521	329	125	55	85	306	33	14
23	108	5,060	732	218	420	1,450	191	41	75	192	30	13
24	148	6,270	558	161	772	752	121	34	65	129	61	12
25	158	8,080	437	144	603	529	89	29	59	102	75	12
26	113	4,140	379	140	463	430	118	24	51	89	51	123
27	93	2,110	328	129	e471	577	261	21	46	147	43	171
28	88	2,010	294	113	e811	625	139	19	54	338	37	56
29	84	1,260	271	368	---	521	100	67	86	128	35	36
30	74	886	249	484	---	433	657	317	55	94	39	29
31	67	---	225	335	---	1,570	---	156	---	87	63	---
TOTAL	3,026	44,055	20,697	10,068	15,042	17,612	15,970	3,433	10,104	12,465	1,893	886
MEAN	97.6	1,468	668	325	537	568	532	111	337	402	61.1	29.5
MAX	815	8,080	2,090	1,270	1,220	1,590	2,890	633	1,190	2,960	115	171
MIN	30	64	205	113	291	208	89	19	46	51	30	12
CFSM	0.51	7.61	3.46	1.68	2.78	2.94	2.76	0.57	1.75	2.08	0.32	0.15
IN.	0.58	8.49	3.99	1.94	2.90	3.39	3.08	0.66	1.95	2.40	0.36	0.17

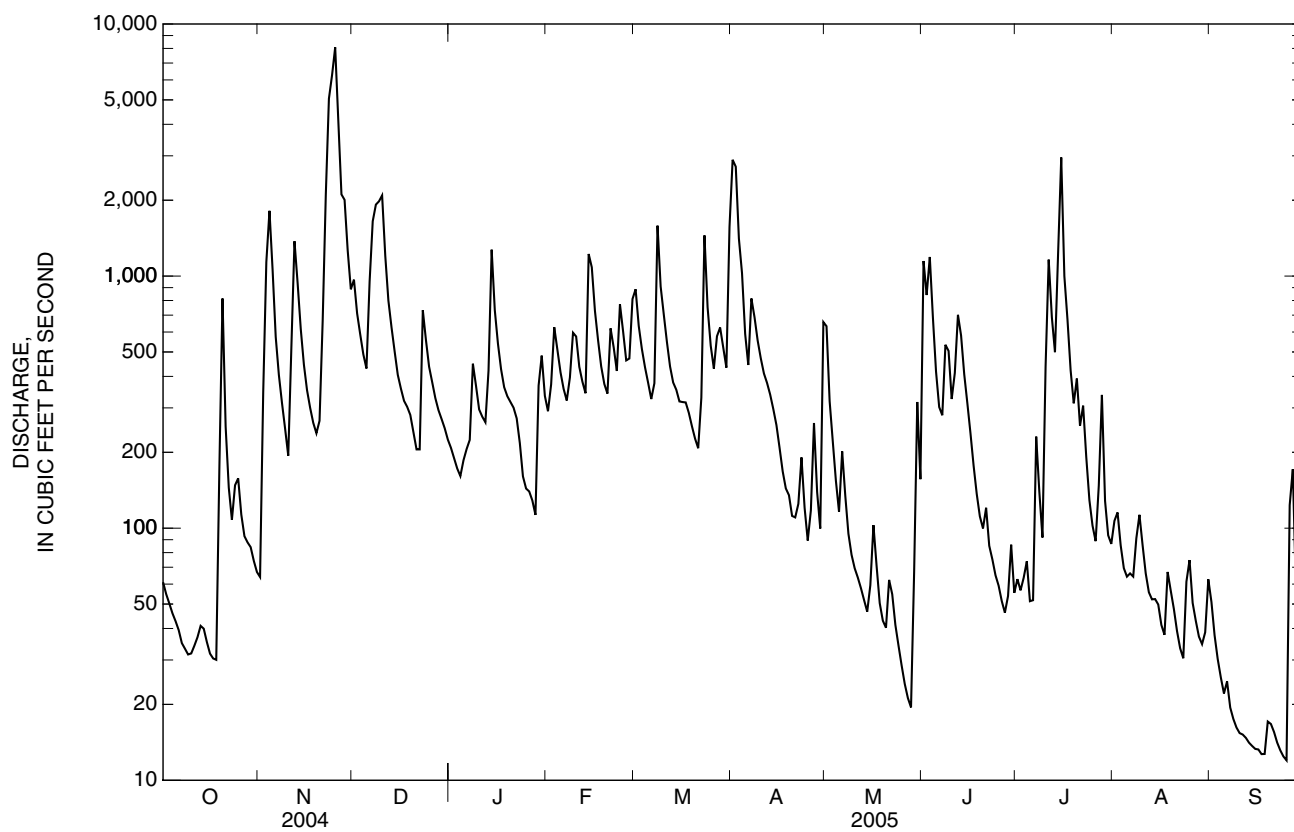
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	73.7	212	411	652	804	779	497	234	148	116	46.3	86.6
MAX	528	1,468	1,814	1,466	3,422	1,623	1,301	1,714	1,187	669	168	721
(WY)	(1995)	(2005)	(1962)	(1953)	(1961)	(1970)	(1964)	(2003)	(1997)	(1989)	(1967)	(2004)
MIN	1.63	4.50	22.0	63.8	173	218	53.9	33.7	5.68	5.67	2.30	2.58
(WY)	(1988)	(1955)	(1966)	(1956)	(1968)	(1988)	(1967)	(1960)	(1988)	(1960)	(1988)	(1954)

02405500 KELLY CREEK NEAR VINCENT, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	154,400		155,251		336	
ANNUAL MEAN	422		425		597	
HIGHEST ANNUAL MEAN					112	
LOWEST ANNUAL MEAN					29,100	
HIGHEST DAILY MEAN	11,000	Sep 17	8,080	Nov 25	29,100	Feb 22, 1961
LOWEST DAILY MEAN	16	Aug 19	12	Sep 24	1.1	Oct 17, 1987
ANNUAL SEVEN-DAY MINIMUM	20	Aug 31	14	Sep 12	1.2	Oct 14, 1987
MAXIMUM PEAK FLOW			8,610	Nov 25	30,900	Feb 22, 1961
MAXIMUM PEAK STAGE			19.82	Nov 25	27.08	Feb 22, 1961
ANNUAL RUNOFF (CFSM)	2.19		2.20		1.74	
ANNUAL RUNOFF (INCHES)	29.76		29.92		23.66	
10 PERCENT EXCEEDS	887		920		785	
50 PERCENT EXCEEDS	170		238		103	
90 PERCENT EXCEEDS	29		34		6.5	

e Estimated



02406500 TALLADEGA CREEK AT ALPINE, AL

LOCATION.--Lat 33°21'34", long 86°14'03", in SW ¼ sec. 21, T. 19 S., R. 4 E., Talladega County, Hydrologic Unit 03150106, at bridge on County Road 207, 1 mi north of Alpine, 9 mi southwest of Talladega, and 11.0 mi upstream from mouth.

DRAINAGE AREA.--150 mi².

PERIOD OF RECORD.--August 1900 to December 1904, January 1939 to September 1951, October 1951 to September 1970 (peak discharge only), October 1987 to current year. Monthly discharge only for period October to December 1938, published in WSP 1304. Published as "at Nottingham" 1900-04.

REVISED RECORDS.--WDR AL-88-1: Drainage area. WDR AL-95-1: 1990 (M).

GAGE.--Water-stage recorder. Datum of gage is 431.24 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	2130	2,780	11.51	Apr 1	2130	*2,800	*11.54

Minimum discharge, 74 ft³/s, Sept. 23, 24, gage height, 4.03 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	102	106	277	194	192	424	2,150	407	277	131	143	114
2	99	118	269	189	194	346	2,190	297	343	124	146	105
3	97	127	244	189	241	310	880	263	297	120	142	101
4	96	441	228	183	257	287	605	245	227	116	133	97
5	94	360	218	179	227	269	511	233	199	120	127	95
6	92	223	295	180	211	253	458	227	186	123	123	93
7	91	185	363	181	200	271	548	221	183	629	126	90
8	89	170	439	193	220	1,070	544	213	207	271	173	87
9	89	150	700	199	439	543	471	207	186	223	175	85
10	89	137	1,000	181	455	431	422	203	179	225	164	86
11	90	156	492	176	329	367	388	198	176	539	177	86
12	92	188	378	173	281	327	370	193	194	557	259	83
13	96	193	323	193	256	302	353	188	197	537	236	83
14	94	168	283	451	409	320	331	182	174	694	182	82
15	90	156	258	301	417	298	312	182	163	463	157	81
16	87	145	243	246	328	307	297	193	154	357	139	80
17	85	139	232	222	288	314	284	184	147	274	129	81
18	85	134	225	206	255	288	274	174	143	237	126	83
19	131	131	217	198	240	271	266	170	140	206	125	82
20	474	129	209	194	231	259	259	168	136	192	118	81
21	204	160	203	191	275	252	258	175	135	208	113	79
22	148	229	202	186	309	279	266	171	133	226	110	77
23	128	780	353	179	286	1,290	276	165	133	180	107	75
24	135	1,200	342	172	621	617	250	159	128	163	108	76
25	149	1,040	272	171	469	436	239	153	124	153	143	77
26	129	463	248	170	353	371	257	147	121	147	123	94
27	116	359	230	166	e311	420	317	144	122	142	112	88
28	113	360	217	161	e555	616	256	143	136	143	105	91
29	109	297	209	191	---	487	237	165	137	146	102	86
30	114	266	204	230	---	407	321	218	131	148	113	83
31	111	---	199	207	---	1,360	---	211	---	142	134	---
TOTAL	3,718	8,710	9,572	6,252	8,849	13,792	14,590	6,199	5,208	7,936	4,370	2,601
MEAN	120	290	309	202	316	445	486	200	174	256	141	86.7
MAX	474	1,200	1,000	451	621	1,360	2,190	407	343	694	259	114
MIN	85	106	199	161	192	252	237	143	121	116	102	75
CFSM	0.80	1.94	2.06	1.34	2.11	2.97	3.24	1.33	1.16	1.71	0.94	0.58
IN.	0.92	2.16	2.37	1.55	2.19	3.42	3.62	1.54	1.29	1.97	1.08	0.65

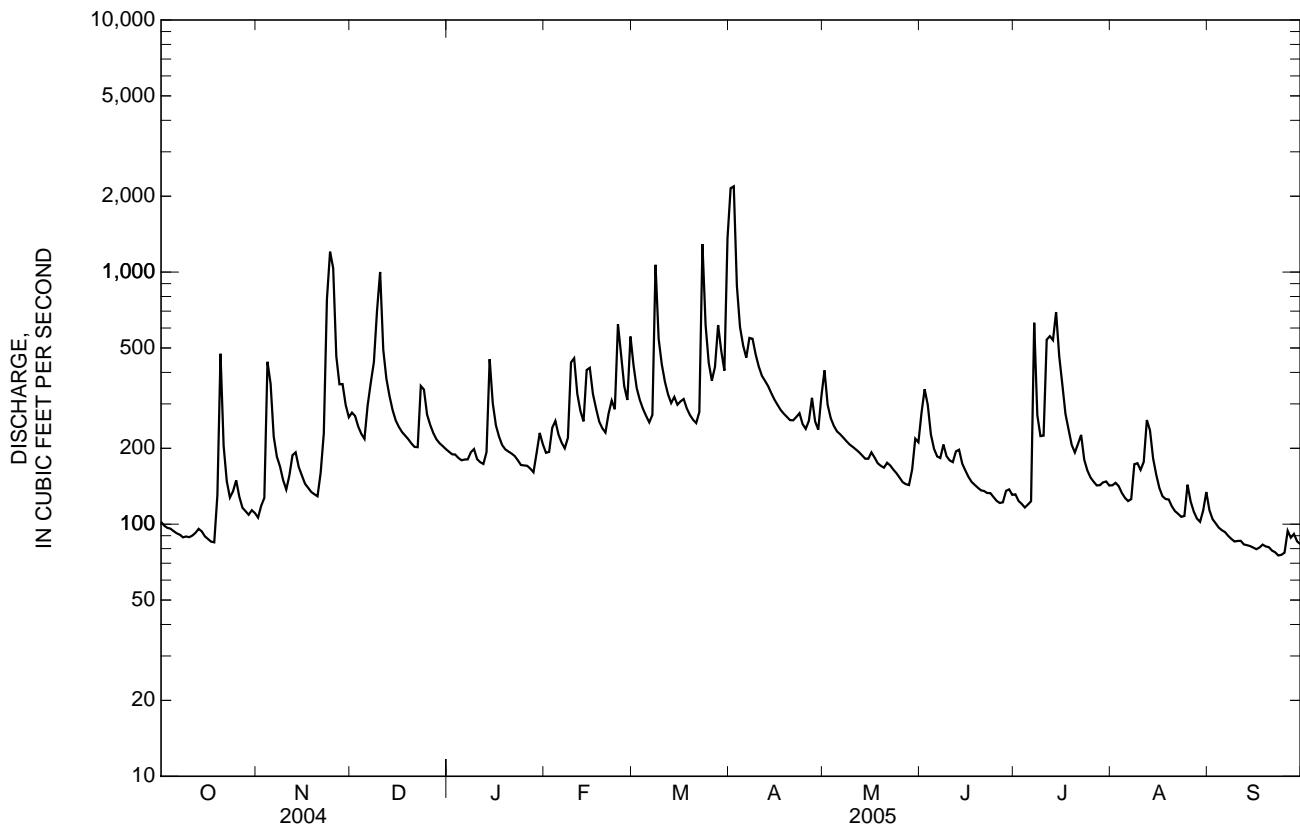
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1900 - 2005, BY WATER YEAR (WY)

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
MEAN	100	156	202	304	435	511	390	258	183	172	124	116
MAX	478	753	548	902	1,023	1,001	765	1,492	592	493	266	579
(WY)	(1996)	(1949)	(2003)	(1946)	(1903)	(1990)	(1944)	(2003)	(2003)	(1940)	(1904)	(1900)
MIN	46.1	65.1	65.3	111	128	145	101	54.4	57.0	51.1	46.8	45.9
(WY)	(2001)	(2000)	(2000)	(2000)	(2000)	(1988)	(1904)	(1904)	(1988)	(2000)	(1988)	(2000)

02406500 TALLADEGA CREEK AT ALPINE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1900 - 2005	
ANNUAL TOTAL	78,853		91,797		244	
ANNUAL MEAN	215		251		453	
HIGHEST ANNUAL MEAN					114	
LOWEST ANNUAL MEAN					18,400	
HIGHEST DAILY MEAN	4,450	Sep 17	2,190	Apr 2	39,000	Mar 29, 1951
LOWEST DAILY MEAN	74	Sep 2	75	Sep 23	34	Jun 21, 1904
ANNUAL SEVEN-DAY MINIMUM	76	Aug 31	78	Sep 19	16.60	Mar 29, 1951
MAXIMUM PEAK FLOW			2,800	Apr 1	1.63	
MAXIMUM PEAK STAGE			11.54	Apr 1	22.13	
ANNUAL RUNOFF (CFSM)	1.44		1.68		453	
ANNUAL RUNOFF (INCHES)	19.56		22.77		147	
10 PERCENT EXCEEDS	343		440		69	
50 PERCENT EXCEEDS	170		193			
90 PERCENT EXCEEDS	90		94			

e Estimated



02407000 COOSA RIVER AT CHILDERSBURG, AL

LOCATION.--Lat 33°17'30", long 86°21'50", in SE ¼ NE ¼ sec. 18, T. 20 S., R. 3 E., Shelby County, Hydrologic Unit 03150107, near right bank on downstream side of Central of Georgia Railway bridge, 700 ft upstream from bridge on State Highway 38, 0.5 mi downstream from Tallassee hatchee Creek, 1 mi northwest of Childersburg, and at mile 86.3.

DRAINAGE AREA.--8,392 mi².

PERIOD OF RECORD.--October 1913 to September 1978. October 1978 to September 1996 (flood hydrograph only). Daily gage height records are published beginning October 1994. Monthly discharge only for periods October 1913 to February 1914, June 1915, July to September, November 1916, published in WSP 1304.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 382.45 ft above NGVD of 1929 (levels by Alabama Power Co.). Prior to Oct. 1, 1915, at datum 0.10 ft lower. Sept. 29, 1967 to Sept. 30, 1994, auxiliary water-stage recorder 3.5 mi downstream.

REMARKS.--No estimated gage heights. Records good. Since December 1949 flow regulated by Allatoona Reservoir on Etowah River, since April 1961 by Weiss Reservoir on Coosa River, since July 1964 by Logan-Martin Reservoir. (See Reservoirs in Mobile River basin.) Gage in pool of Lay Lake.

AVERAGE DISCHARGE.--65 years (water years 1914-78), 13,860 ft³/s, 22.43 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 150,000 ft³/s, Apr. 14, 1979; maximum gage height, 30.41 ft, Feb. 23, 1961; minimum daily discharge, 378 ft³/s, Apr. 20, 1975.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.84 ft, Apr. 1; minimum gage height, not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.86	13.78	---	14.05	14.07	15.00	18.66	14.15	14.43	---	14.03	13.73
2	14.05	13.81	16.08	14.05	13.99	14.93	18.46	13.99	14.25	---	13.97	13.72
3	13.87	14.65	15.85	14.06	14.17	14.62	17.39	14.00	14.29	---	14.00	13.69
4	13.83	15.01	15.87	14.12	14.11	14.49	15.51	14.03	14.12	---	14.10	13.72
5	13.96	14.99	15.72	14.06	14.22	14.05	17.56	13.97	14.26	---	13.85	13.77
6	14.07	14.76	15.48	14.19	14.05	14.09	17.31	14.13	14.15	14.65	13.60	13.79
7	13.90	14.87	16.32	14.05	14.32	14.54	15.84	13.80	14.21	14.66	13.65	13.66
8	13.89	14.42	16.81	13.98	14.11	15.16	15.68	13.69	14.42	15.02	13.98	13.54
9	13.99	14.56	16.70	14.31	14.34	15.16	15.68	13.75	14.61	14.99	14.02	13.38
10	13.74	14.38	16.32	14.14	14.35	14.80	15.54	13.90	14.83	15.49	13.98	13.33
11	13.79	14.19	16.01	14.17	14.17	14.57	15.23	13.82	14.33	15.18	13.84	13.41
12	13.72	14.49	16.28	14.20	13.77	14.26	14.91	13.74	13.76	14.80	13.89	13.58
13	13.64	14.37	16.01	14.19	13.96	14.07	14.67	13.78	14.16	15.57	13.81	13.64
14	13.76	13.93	15.68	14.38	14.77	14.03	14.29	13.81	14.34	16.09	13.90	13.55
15	13.50	13.76	15.66	14.08	14.77	14.22	14.33	13.73	14.45	16.50	13.65	13.42
16	---	13.86	15.59	13.87	14.65	14.07	14.09	13.92	14.49	15.23	13.87	13.40
17	---	13.95	15.70	14.32	14.17	13.99	14.08	14.00	14.36	15.15	14.04	13.44
18	---	14.03	15.52	14.42	14.57	13.92	14.38	14.12	14.02	14.79	13.92	13.47
19	---	13.98	15.25	14.14	13.91	14.01	14.28	14.04	13.92	14.33	13.81	13.42
20	13.84	---	14.93	14.33	13.88	13.71	14.35	14.05	13.93	14.25	13.76	13.43
21	13.74	---	15.07	14.40	14.38	14.24	14.26	13.95	13.97	14.40	13.70	13.45
22	13.90	---	15.15	13.97	14.86	14.24	14.13	13.95	14.07	14.47	13.64	13.56
23	13.74	---	15.07	14.04	15.14	14.77	13.91	14.27	---	14.35	13.71	13.72
24	13.90	---	14.90	14.24	15.39	15.06	13.86	14.05	---	14.01	13.82	13.73
25	14.07	---	14.55	14.21	15.65	15.53	13.98	14.03	---	14.02	13.75	13.76
26	13.93	---	14.62	14.05	15.68	15.35	14.05	13.92	---	13.81	13.77	13.66
27	13.85	---	14.42	14.02	---	14.77	13.96	13.94	---	13.69	13.73	13.47
28	13.88	---	14.36	13.89	---	14.51	14.23	13.84	---	13.96	13.86	13.51
29	14.02	---	14.32	13.85	---	14.96	14.25	13.96	---	14.10	13.77	13.59
30	13.90	---	14.34	13.86	---	14.94	14.14	14.06	---	14.04	13.54	13.66
31	13.63	---	14.32	14.06	---	16.85	---	14.20	---	13.95	13.66	---
MEAN	---	---	---	14.12	---	14.61	15.10	13.95	---	---	13.83	13.57
MAX	---	---	---	14.42	---	16.85	18.66	14.27	---	---	14.10	13.79
MIN	---	---	---	13.85	---	13.71	13.86	13.69	---	---	13.54	13.33

02407526 COOSA RIVER AT GASTON STEAMPLANT NEAR WILSONVILLE, AL

LOCATION.--Lat 33°14'28", long 86°27'30", in SW 1/4 sec. 32, T. 20 S., R. 2 E., Shelby County, Hydrologic Unit 03150107, on right bank near tailings pond of Gaston Steamplant, 1.6 mi downstream from Yellowleaf Creek, 1 mi east of Wilsonville, and at mile 75.3.

DRAINAGE AREA.--8,588 mi².

PERIOD OF RECORD.--October 1991 to current year. Daily gage height records are published beginning October 1993.

GAGE.--Water-stage recorder. Datum of gage is 382.41 ft above NGVD of 1929.

REMARKS.--No estimated daily gage heights. Records good. Since December 1949, flow regulated by Allatoona Reservoir on Etowah River, since April 1961 by Weiss Reservoir on Coosa River, and since July 1964 by Logan Martin Reservoir (see Reservoirs in Mobile River Basin). Gage in pool of Lay Lake.

EXTREMES FOR PERIOD SINCE OCTOBER 1993.--Maximum gage height, 18.25 ft, May 9, 2003; minimum gage height, not determined.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.10 ft, Nov. 26; minimum gage height, not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.40	13.35	14.53	13.59	13.56	13.63	15.15	13.56	13.69	13.66	13.75	13.48
2	13.50	13.49	14.42	13.63	13.54	13.69	15.06	13.37	13.69	13.75	13.64	13.46
3	13.48	13.96	14.22	13.50	13.69	13.59	14.70	13.49	13.74	13.76	13.66	13.45
4	13.47	14.10	14.23	13.55	13.58	13.56	14.08	13.47	13.36	13.72	13.67	13.52
5	13.50	13.97	14.18	---	13.69	13.45	14.83	13.53	13.65	13.71	13.54	13.53
6	13.45	13.91	14.08	---	13.65	13.63	14.82	13.62	13.46	13.67	13.42	13.49
7	13.55	13.84	14.46	13.54	13.72	13.83	14.20	13.45	13.47	13.58	13.49	13.40
8	13.56	13.47	14.45	13.55	13.62	14.12	14.26	13.42	13.58	13.80	13.62	13.35
9	13.49	13.62	14.45	13.83	13.77	14.01	14.23	13.33	13.66	13.87	13.61	13.16
10	13.48	13.66	14.34	13.59	13.69	13.71	14.11	13.45	13.73	14.01	13.65	13.20
11	13.39	13.43	14.13	13.62	13.48	13.70	14.08	13.47	13.41	13.99	13.54	13.28
12	13.37	13.71	14.30	13.67	13.43	13.68	13.94	13.43	13.22	13.84	13.46	13.36
13	13.34	13.79	14.26	13.57	13.64	13.64	13.61	13.42	13.55	14.18	13.45	13.45
14	13.42	13.53	14.07	13.65	13.84	13.38	13.47	13.44	13.67	14.39	13.46	13.40
15	13.15	13.54	14.07	13.46	13.88	13.48	13.60	13.44	13.81	14.43	13.31	13.28
16	---	13.65	14.15	13.55	13.78	13.24	13.47	13.46	13.75	14.15	13.46	13.28
17	---	13.68	14.31	13.61	13.49	13.34	13.56	13.44	13.64	13.91	13.70	13.30
18	---	13.66	14.18	13.65	13.63	13.23	13.70	13.58	13.60	13.85	13.59	13.33
19	---	13.61	14.00	13.54	13.42	13.52	13.82	13.56	13.53	13.63	13.56	13.29
20	12.73	13.59	13.72	13.69	13.39	13.35	13.78	13.44	13.49	13.55	13.54	13.29
21	13.16	13.73	13.88	13.74	13.57	13.53	13.79	13.49	13.57	13.64	13.49	13.31
22	13.28	13.86	13.98	13.67	13.71	13.44	13.67	13.55	13.62	13.64	13.41	13.38
23	13.49	14.82	13.93	13.78	13.79	13.93	13.54	13.69	13.65	13.63	13.44	13.54
24	13.62	15.29	13.74	13.66	14.26	14.03	13.58	13.53	13.68	13.50	13.48	13.61
25	13.63	15.76	13.42	13.73	14.25	14.20	13.58	13.51	13.72	13.40	13.42	13.64
26	13.48	16.01	13.65	13.56	14.19	14.18	13.50	13.46	13.70	13.27	13.49	13.51
27	13.44	15.78	13.63	13.42	---	13.76	13.27	13.50	13.51	13.25	13.52	13.33
28	13.48	15.55	13.63	13.26	---	13.51	13.48	13.41	13.63	13.45	13.47	13.35
29	13.60	15.42	13.61	13.32	---	13.83	13.51	13.47	13.70	13.51	13.30	13.43
30	13.57	15.09	13.60	13.60	---	13.80	13.69	13.47	13.70	13.67	13.29	13.48
31	13.41	---	13.59	13.60	---	14.72	---	13.57	---	13.67	13.41	---
MEAN	---	14.16	14.04	---	---	13.70	13.94	13.48	13.61	13.74	13.51	13.40
MAX	---	16.01	14.53	---	---	14.72	15.15	13.69	13.81	14.43	13.75	13.64
MIN	---	13.35	13.42	---	---	13.23	13.27	13.33	13.22	13.25	13.29	13.16

02408540 HATCHET CREEK BELOW ROCKFORD, AL

LOCATION.--Lat 32°55'00", long 86°16'13", in SE ¼ SE ¼ sec. 4, T. 22 N., R. 18 E., Coosa County, Hydrologic Unit 03150107, on downstream side of pier near right bank of bridge on county road, 2.1 mi downstream from Jack Creek, and 4 mi northwest of Rockford.

DRAINAGE AREA.--263 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 377 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 27-28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 23	0830	4,810	10.64	Apr 1	1500	8,030	14.51
Mar 31	1630	*13,600	*19.14				

Minimum discharge, 66 ft³/s, Sept. 22, 23, 24, 25, gage height, 2.34 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101	94	527	313	370	899	6,460	1,190	1,290	233	332	188
2	98	95	460	298	457	687	3,970	747	1,040	196	329	160
3	96	232	387	290	839	595	1,720	633	1,340	252	294	144
4	93	889	347	279	675	532	1,210	557	592	265	248	133
5	90	587	321	273	529	489	988	515	446	223	228	126
6	88	318	522	284	453	449	885	490	386	476	239	118
7	86	239	553	305	408	453	1,470	460	457	2,260	342	112
8	86	200	679	347	389	1,580	1,110	437	797	621	399	107
9	86	167	1,280	333	967	926	909	420	1,700	395	384	104
10	90	148	1,580	288	1,040	719	802	408	617	599	469	101
11	97	187	812	272	669	632	739	392	578	1,880	482	95
12	108	707	614	268	557	558	767	373	1,070	899	434	90
13	109	514	504	437	494	512	702	360	653	829	615	90
14	101	324	420	1,080	720	610	661	349	476	866	373	89
15	91	252	370	603	716	537	624	378	388	718	289	86
16	84	218	343	474	584	591	581	361	335	832	248	83
17	80	203	324	406	511	608	555	336	299	604	274	83
18	78	187	306	363	445	526	538	319	277	463	249	84
19	82	182	294	341	411	486	518	305	260	467	240	80
20	360	194	277	326	398	460	495	330	250	470	215	75
21	229	216	268	316	575	441	513	429	241	491	202	73
22	150	398	302	300	548	1,070	682	342	244	421	193	72
23	125	1,070	1,640	278	492	3,470	688	309	231	348	418	72
24	241	2,020	848	263	1,270	1,370	534	288	218	299	230	69
25	239	1,580	606	263	872	858	485	267	210	274	211	75
26	156	726	502	263	640	706	825	255	211	257	200	153
27	124	583	430	256	e560	1,450	938	250	223	242	177	166
28	112	680	386	243	e1,630	1,440	634	242	343	358	164	117
29	116	487	363	530	---	993	553	281	249	609	172	101
30	107	409	343	595	---	776	1,660	727	245	394	280	92
31	100	---	326	432	---	7,420	---	607	---	352	228	---
TOTAL	3,803	14,106	16,934	11,319	18,219	32,843	33,216	13,357	15,666	17,593	9,158	3,138
MEAN	123	470	546	365	651	1,059	1,107	431	522	568	295	105
MAX	360	2,020	1,640	1,080	1,630	7,420	6,460	1,190	1,700	2,260	615	188
MIN	78	94	268	243	370	441	485	242	210	196	164	69
CFSM	0.47	1.79	2.08	1.39	2.47	4.03	4.21	1.64	1.99	2.16	1.12	0.40
IN.	0.54	2.00	2.40	1.60	2.58	4.65	4.70	1.89	2.22	2.49	1.30	0.44

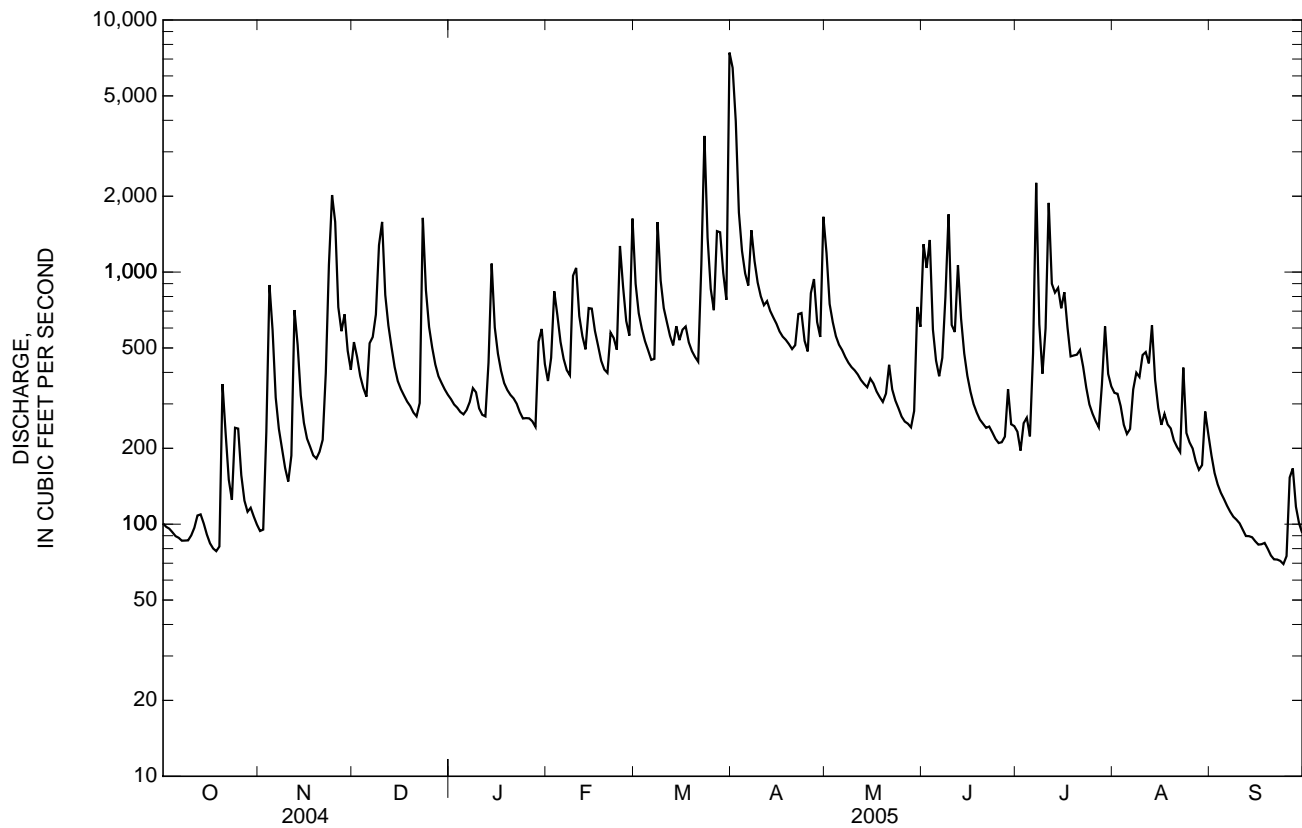
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	148	276	446	534	798	808	645	368	287	258	171	158
MAX	1,026	1,025	1,677	1,208	2,074	2,007	1,796	1,501	950	868	684	883
(WY)	(1996)	(1993)	(1984)	(1990)	(1990)	(1990)	(1983)	(2003)	(2003)	(2003)	(1984)	(1988)
MIN	18.5	53.2	101	117	201	216	124	85.6	48.2	21.7	18.3	28.8
(WY)	(2001)	(1982)	(1991)	(1981)	(1986)	(1988)	(1986)	(2000)	(2000)	(2000)	(2000)	(2000)

02408540 HATCHET CREEK BELOW ROCKFORD, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	114,887		189,352		406	
ANNUAL MEAN	314		519		700	
HIGHEST ANNUAL MEAN					126	
LOWEST ANNUAL MEAN					19,500	
HIGHEST DAILY MEAN	4,940	Sep 17	7,420	Mar 31	126	2003
LOWEST DAILY MEAN	51	Aug 9	69	Sep 24	4.4	1986
ANNUAL SEVEN-DAY MINIMUM	65	Aug 4	74	Sep 19	4.9	1986
MAXIMUM PEAK FLOW			13,600	Mar 31	27,800	Oct 5, 1995
MAXIMUM PEAK STAGE			19.14	Mar 31	27.90	Oct 5, 1995
ANNUAL RUNOFF (CFSM)	1.19		1.97		1.54	
ANNUAL RUNOFF (INCHES)	16.25		26.78		20.97	
10 PERCENT EXCEEDS	584		931		820	
50 PERCENT EXCEEDS	222		378		218	
90 PERCENT EXCEEDS	81		101		61	

e Estimated



02411000 COOSA RIVER AT JORDAN DAM NEAR WETUMPKA, AL

LOCATION.--Lat 32°36'50", long 86°15'18", in SE ¼ NW ¼ sec. 22, T. 19 N., R. 18 E., Elmore County, Hydrologic Unit 03150107, on right bank 0.5 mi downstream from Jordan Dam, 4 mi upstream from Corn Creek, 5.5 mi northwest of Wetumpka, and at mile 18.6.

DRAINAGE AREA.--10,102 mi².

PERIOD OF RECORD.--July 1912 to September 1914, December 1925 to current year. Prior to October 1936 published as "at Lock 18, near Wetumpka."

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-92-1: 1991. WRD AL-01-1: 2000.

GAGE.--Nonrecording gage since April 1975. Datum of gage is 141.6 ft above NGVD of 1929 (levels by Alabama Power Co.). February 1926 to March 1975, water-stage recorder. July 1912 to September 1914, nonrecording gage at site 0.2 mi upstream at different elevation.

REMARKS.--No estimated daily discharges. Records good. Prior to June 30, 1967, and Feb. 10, 1975, to Aug. 14, 1980, daily discharge above 100 ft³/s, computed on basis of powerplant records and flow over spillway at Jordan Dam; July 1, 1967 to Feb. 9, 1975 and Aug. 15, 1980 to current year on the combined flow through turbines at Jordan and Bouldin Dams (on diversion channel from Jordan Lake about 1 mi upstream from Jordan Dam) and flow over spillway at Jordan Dam. Flow regulated by several upstream reservoirs and hydroelectric plants.

COOPERATION.--Records collected by Alabama Power Co., under general supervision of U.S. Geological Survey, in connection with a Federal Energy Regulatory Commission project.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

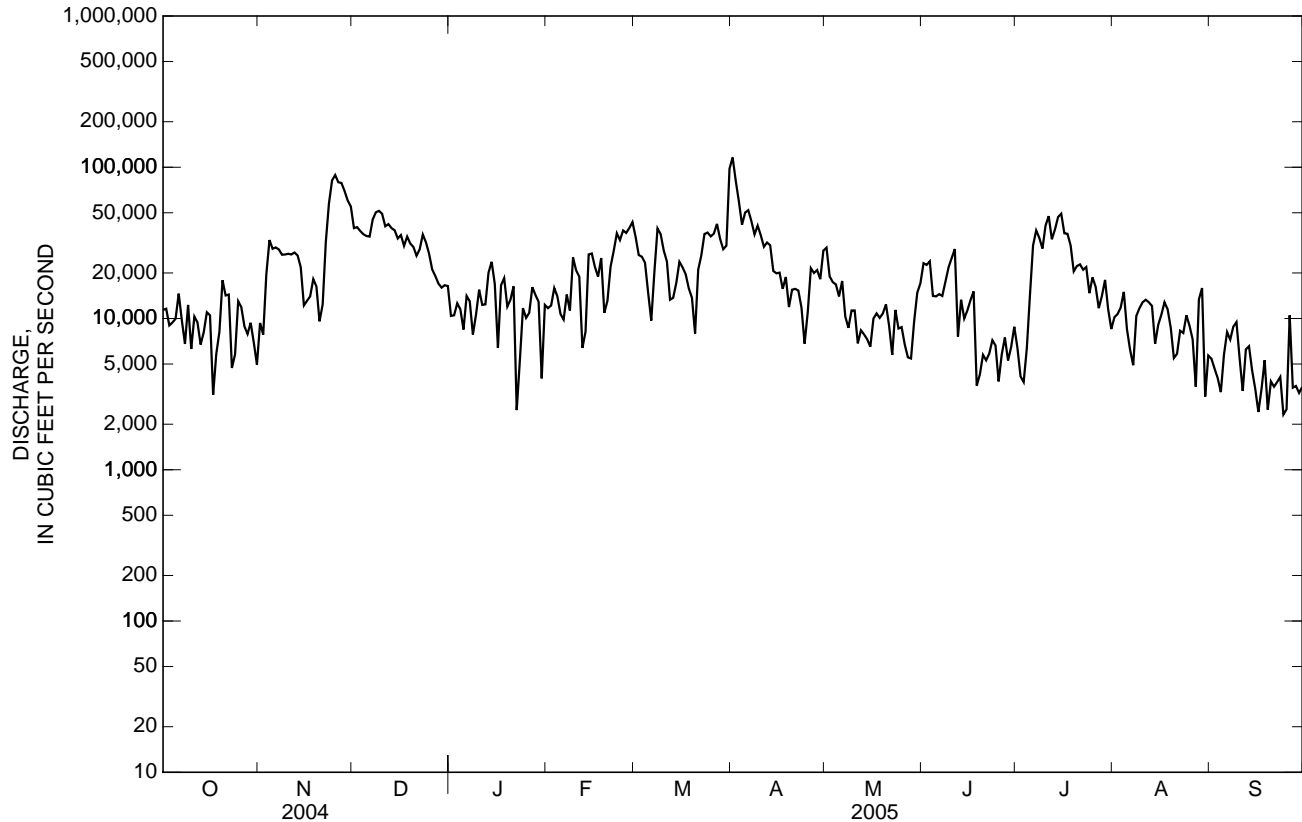
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11,400	9,340	39,600	10,400	11,700	34,600	116,000	29,400	23,200	6,400	10,200	5,420
2	11,600	7,820	40,200	10,500	12,200	26,300	81,200	19,000	22,600	4,140	10,700	4,660
3	9,000	19,600	37,900	12,600	15,900	25,600	59,300	17,400	23,900	3,800	11,800	4,040
4	9,410	33,000	36,100	11,500	14,000	23,400	41,700	16,800	14,100	6,350	15,000	3,260
5	9,960	28,900	35,100	8,460	10,700	14,800	50,200	14,000	14,000	14,200	8,510	5,760
6	14,600	29,500	34,800	14,100	9,840	9,690	52,000	17,700	14,500	30,400	6,220	8,130
7	9,720	28,600	45,200	13,000	14,400	20,300	44,000	10,300	14,100	38,200	4,910	7,260
8	6,790	26,400	50,400	7,840	11,300	39,400	36,000	8,680	17,500	34,100	10,400	8,840
9	12,300	26,500	51,500	10,600	25,300	36,100	41,100	11,300	21,800	29,000	11,700	9,470
10	6,290	26,800	49,200	15,500	20,800	28,100	35,500	11,300	25,100	41,200	12,800	5,460
11	10,300	26,500	40,700	12,300	18,900	23,800	29,800	6,850	28,800	47,500	13,300	3,320
12	9,420	27,300	42,100	12,400	6,390	13,300	31,800	8,350	7,600	33,400	12,800	6,250
13	6,730	26,100	39,600	20,100	8,180	13,700	30,500	7,850	13,300	38,800	12,100	6,560
14	8,120	21,800	38,300	23,700	26,500	17,200	20,600	7,280	10,000	46,900	6,810	4,540
15	11,000	12,200	33,800	16,900	26,900	23,700	19,900	6,510	11,300	49,300	9,100	3,420
16	10,500	13,100	35,600	6,400	21,900	21,800	20,100	10,000	13,200	36,600	10,600	2,410
17	3,130	14,000	30,200	16,600	18,900	19,600	15,700	10,800	15,100	36,300	12,800	3,410
18	5,810	18,200	34,800	18,500	25,100	15,800	18,800	10,100	3,600	30,400	11,500	5,300
19	8,150	16,300	31,300	12,000	10,900	13,700	11,900	10,800	4,260	20,500	8,680	2,500
20	17,900	9,580	29,700	13,300	13,100	7,960	15,500	12,400	5,750	22,200	5,480	3,840
21	14,200	12,400	26,000	16,300	22,000	21,000	15,700	8,950	5,290	22,800	5,840	3,540
22	14,400	31,900	28,700	2,480	28,000	26,200	15,300	5,750	5,860	21,000	8,300	3,800
23	4,710	57,400	35,900	5,230	36,600	36,200	11,800	11,400	7,180	21,900	8,020	4,110
24	5,790	81,800	31,900	11,700	33,000	37,000	6,820	8,580	6,640	14,700	10,500	2,320
25	13,000	88,900	26,800	10,100	38,200	34,900	11,000	8,770	3,840	18,700	8,950	2,510
26	11,900	79,600	21,100	10,900	36,800	36,400	21,500	6,730	5,810	16,200	7,270	10,500
27	8,870	78,700	19,100	16,100	39,700	42,200	20,000	5,540	7,480	11,700	3,540	3,490
28	7,900	69,600	17,000	14,300	43,400	33,600	20,900	5,440	5,280	14,100	13,400	3,580
29	9,370	60,300	16,000	12,900	---	28,700	18,200	9,570	6,480	18,000	15,900	3,220
30	6,910	55,000	16,600	4,020	---	30,300	28,100	14,800	8,820	11,500	3,050	3,530
31	4,960	---	16,400	12,300	---	97,900	---	17,100	---	8,520	5,690	---
TOTAL	294,140	1,037,140	1,031,600	383,030	600,610	853,250	940,920	349,450	366,390	748,810	295,870	144,450
MEAN	9,488	34,570	33,280	12,360	21,450	27,520	31,360	11,270	12,210	24,160	9,544	4,815
MAX	17,900	88,900	51,500	23,700	43,400	97,900	116,000	29,400	28,800	49,300	15,900	10,500
MIN	3,130	7,820	16,000	2,480	6,390	7,960	6,820	5,440	3,600	3,800	3,050	2,320
CFSM	0.94	3.42	3.29	1.22	2.12	2.72	3.10	1.12	1.21	2.39	0.94	0.48
IN.	1.08	3.82	3.80	1.41	2.21	3.14	3.46	1.29	1.35	2.76	1.09	0.53

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1913	6,900	29,100	(1996)	2,128	(1936)
1914	10,530	57,080	(1930)	2,547	(1940)
1915	17,140	72,980	(1933)	4,054	(1934)
1916	24,800	66,360	(1937)	4,237	(1956)
1917	29,060	75,180	(1990)	7,437	(2000)
1918	32,470	82,160	(1929)	7,516	(1988)
1919	26,710	82,520	(1979)	4,452	(1986)
1920	15,480	57,920	(2003)	2,384	(1986)
1921	9,801	30,790	(1989)	2,688	(1988)
1922	9,130	29,400	(2003)	2,071	(1988)
1923	7,139	20,680	(1984)	2,577	(1986)
1924	6,293	21,370	(1975)	2,307	(1931)

02411000 COOSA RIVER AT JORDAN DAM NEAR WETUMPKA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1913 - 2005	
ANNUAL TOTAL	5,693,790		7,045,660		16,270	
ANNUAL MEAN	15,560		19,300		25,910	
HIGHEST ANNUAL MEAN					5,402	
LOWEST ANNUAL MEAN					256,000	
HIGHEST DAILY MEAN	88,900	Nov 25	116,000	Apr 1	54	Apr 8, 1938
LOWEST DAILY MEAN	2,250	Jan 4	2,320	Sep 24	1,270	Oct 15, 1938
ANNUAL SEVEN-DAY MINIMUM	3,890	Aug 15	3,230	Sep 19	316,000	Oct 7, 1971
MAXIMUM PEAK FLOW					47.67	Apr 13, 1979
MAXIMUM PEAK STAGE					1.61	
ANNUAL RUNOFF (CFSM)	1.54		1.91		21.88	
ANNUAL RUNOFF (INCHES)	20.97		25.95		38,600	
10 PERCENT EXCEEDS	35,700		38,200		9,820	
50 PERCENT EXCEEDS	9,880		14,000		3,100	
90 PERCENT EXCEEDS	4,500		5,370			



02411600 (NWS 01-8859-5) COOSA RIVER AT WETUMPKA, AL

LOCATION.--Lat 32°32'13", long 86°12'32", in SE ¼ sec. 13, T. 18 N., R. 18 E., Elmore County, Hydrologic Unit 03150107, on downstream side of bridge on State Highway 14, in Wetumpka, and at mile 11.45.

DRAINAGE AREA.--10,148 mi².

PERIOD OF RECORD.--1893 to current year (gage heights only). October 1971 to current year in reports of Geological Survey; January 1900 to December 1971 in reports of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 113.45 ft above NGVD of 1929 (datum published incorrectly 1971-96).

COOPERATION.--Remote telemetry provided by U.S. Army Corps of Engineers. Some wire-weight gage readings by National Weather Service.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 57.9 ft, Apr. 8, 1938; minimum gage height, 2.5 ft, Aug. 4, 1925.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 1, 1886, reached a stage of 61.7 ft, from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 42.04 ft, Apr. 2; minimum gage height, 10.37 ft, Jan. 24.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.97	12.85	23.60	14.22	14.37	19.91	39.50	19.96	16.92	12.62	13.35	12.24
2	13.04	12.86	21.66	12.89	14.45	18.68	41.40	17.55	17.57	12.33	13.44	12.32
3	12.54	14.65	21.42	13.47	16.17	16.31	40.12	16.48	17.37	11.98	13.47	12.32
4	12.16	18.63	21.01	13.75	16.54	15.59	36.15	15.38	16.32	12.48	14.35	12.09
5	12.23	18.72	20.32	13.25	15.07	14.15	31.74	14.45	13.93	13.57	13.63	12.16
6	13.61	18.22	19.73	13.63	14.09	12.42	29.67	14.64	13.20	16.06	12.64	11.58
7	12.58	17.22	21.52	14.09	15.07	14.24	28.10	14.21	13.66	22.64	12.03	12.31
8	11.71	15.92	23.70	13.51	14.56	18.58	26.57	12.82	14.80	23.98	12.78	13.23
9	12.45	15.81	24.07	12.83	16.19	19.39	25.63	12.84	16.38	24.17	14.33	13.35
10	12.13	16.43	24.24	13.07	17.30	17.57	24.58	13.74	17.40	24.14	14.43	12.31
11	12.29	16.81	22.39	13.97	17.42	16.20	22.05	13.47	18.48	25.99	14.86	12.38
12	12.98	17.31	20.72	14.48	15.19	15.37	20.17	13.27	15.08	24.19	14.95	12.44
13	12.43	17.25	20.64	15.49	13.51	13.63	19.32	13.32	12.83	24.26	14.54	13.05
14	12.59	16.16	20.03	17.01	16.54	13.95	17.71	13.33	13.26	25.29	15.74	12.36
15	13.04	13.06	18.98	15.87	17.71	14.85	15.99	13.37	13.42	27.08	15.11	12.09
16	13.04	13.49	18.99	13.90	16.60	15.71	14.70	13.15	14.26	25.38	14.43	11.87
17	12.25	13.94	18.29	14.20	15.58	15.47	13.83	13.45	14.48	23.50	15.48	11.63
18	12.07	14.12	18.56	14.75	16.12	15.28	13.93	13.19	12.84	20.94	15.59	11.85
19	12.61	13.85	17.76	14.49	13.52	14.09	13.79	13.59	12.21	18.46	15.10	12.40
20	14.41	12.49	17.34	13.76	13.48	13.32	14.12	13.74	11.66	17.22	13.60	12.41
21	13.69	13.19	16.76	14.15	14.78	14.45	14.35	13.59	11.91	16.69	12.56	12.28
22	13.81	16.27	17.31	12.68	15.63	16.08	14.63	12.65	12.13	16.32	12.56	12.52
23	12.41	23.42	19.53	11.33	17.48	19.31	14.06	12.99	12.46	16.39	13.20	12.00
24	12.05	28.25	20.05	12.33	18.56	20.54	13.28	13.60	12.69	15.54	13.88	11.65
25	13.64	31.57	19.22	13.49	19.06	20.59	13.82	13.33	12.41	15.04	13.98	11.97
26	13.51	31.38	17.46	13.50	19.07	20.53	15.20	12.81	11.83	15.20	13.54	13.21
27	12.92	31.00	16.35	13.96	19.96	23.62	16.62	12.35	12.65	14.01	12.91	11.84
28	12.79	30.32	15.06	14.53	20.06	26.19	16.53	12.08	12.17	13.73	13.54	12.18
29	12.93	28.26	14.75	13.92	---	28.58	15.89	12.65	11.90	14.60	14.48	12.60
30	13.10	26.80	14.84	12.79	---	28.27	17.28	14.00	12.79	13.88	12.65	12.56
31	12.76	---	15.08	13.58	---	32.40	---	14.44	---	12.75	12.00	---
MEAN	12.80	19.01	19.40	13.84	16.22	18.23	21.36	13.89	13.97	18.40	13.84	12.31
MAX	14.41	31.57	24.24	17.01	20.06	32.40	41.40	19.96	18.48	27.08	15.74	13.35
MIN	11.71	12.49	14.75	11.33	13.48	12.42	13.28	12.08	11.66	11.98	12.00	11.58

WTR YR 2005 MEAN 16.10 MAX 41.40 MIN 11.33

02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL

LOCATION.--Lat 33°37'22", long 85°30'48", in NW 1/4 NW 1/4 sec. 20, T. 16 S., R. 11 E., Cleburne County, Hydrologic Unit 03150108, on right bank 5 ft downstream from county road bridge, 2.2 mi upstream from Cane Creek, 4 mi southeast of Heflin, and at mile 186.8.

DRAINAGE AREA.--448 mi².

PERIOD OF RECORD.--July 1952 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 830 ft, by barometer.

REMARKS.--Estimated daily discharge: Jan. 29, 30, Feb. 27, 28, and Sept. 9-23. Records good except those estimated which are poor. Slight diurnal fluctuation caused by small mills above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1800	5,260	14.37	Jul 8	1230	5,860	15.55
Apr 1	1300	5,390	14.64	Jul 10	0430	6,110	16.02
				Jul 12	2130	*6,200	*16.18

Minimum discharge, 146 ft³/s, Sept. 25, gage height, 2.79 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	228	253	694	520	571	978	5,100	1,560	565	294	627	381
2	215	244	694	504	546	817	4,920	975	678	311	668	319
3	207	287	616	491	775	712	2,890	708	663	262	545	290
4	202	647	557	482	875	661	1,540	614	492	343	463	270
5	193	752	521	473	714	612	1,180	561	419	775	424	257
6	186	495	807	478	604	582	1,010	557	460	1,690	431	247
7	181	369	1,340	488	554	617	1,330	538	1,040	4,840	502	238
8	181	320	1,310	530	547	1,810	1,470	505	1,080	5,560	1,090	234
9	181	287	1,540	531	603	1,370	1,320	476	1,260	2,470	986	e226
10	182	264	2,770	491	629	952	1,010	458	708	5,080	644	e215
11	187	269	1,790	466	570	796	890	504	544	5,350	809	e205
12	186	347	1,080	456	524	712	825	556	639	6,060	913	e195
13	190	413	839	605	505	665	788	463	728	5,080	908	e190
14	189	386	715	1,370	606	726	769	425	552	3,060	1,130	e183
15	185	329	642	1,110	805	730	724	465	435	1,820	651	e179
16	174	296	597	752	705	755	675	502	375	1,810	507	e191
17	168	282	571	629	612	851	640	432	335	1,300	445	e201
18	165	276	553	565	555	798	612	398	308	1,010	410	e219
19	296	271	536	532	518	703	593	374	284	1,120	662	e204
20	778	273	514	522	508	656	575	381	269	953	486	e187
21	568	403	492	513	1,230	625	567	452	451	965	413	e174
22	394	1,910	501	501	1,570	774	618	434	502	953	374	e166
23	318	3,980	1,520	479	1,080	3,020	889	392	429	695	353	e160
24	289	4,740	1,410	451	1,240	2,740	882	362	333	592	433	157
25	276	4,600	920	447	1,070	1,340	653	330	286	533	429	150
26	262	1,840	730	450	845	973	636	310	287	492	372	149
27	270	1,030	648	445	e800	932	821	301	310	463	338	158
28	272	898	592	428	e1,030	1,180	721	292	346	455	316	165
29	272	758	562	e463	---	1,200	615	317	449	536	313	160
30	277	659	546	e552	---	941	1,120	388	313	621	488	157
31	270	---	530	610	---	2,390	---	436	---	573	477	---
TOTAL	7,942	27,878	27,137	17,334	21,191	32,618	36,383	15,466	15,540	56,066	17,607	6,227
MEAN	256	929	875	559	757	1,052	1,213	499	518	1,809	568	208
MAX	778	4,740	2,770	1,370	1,570	3,020	5,100	1,560	1,260	6,060	1,130	381
MIN	165	244	492	428	505	582	567	292	269	262	313	149
CFSM	0.57	2.07	1.95	1.25	1.69	2.35	2.71	1.11	1.16	4.04	1.27	0.46
IN.	0.66	2.31	2.25	1.44	1.76	2.71	3.02	1.28	1.29	4.66	1.46	0.52

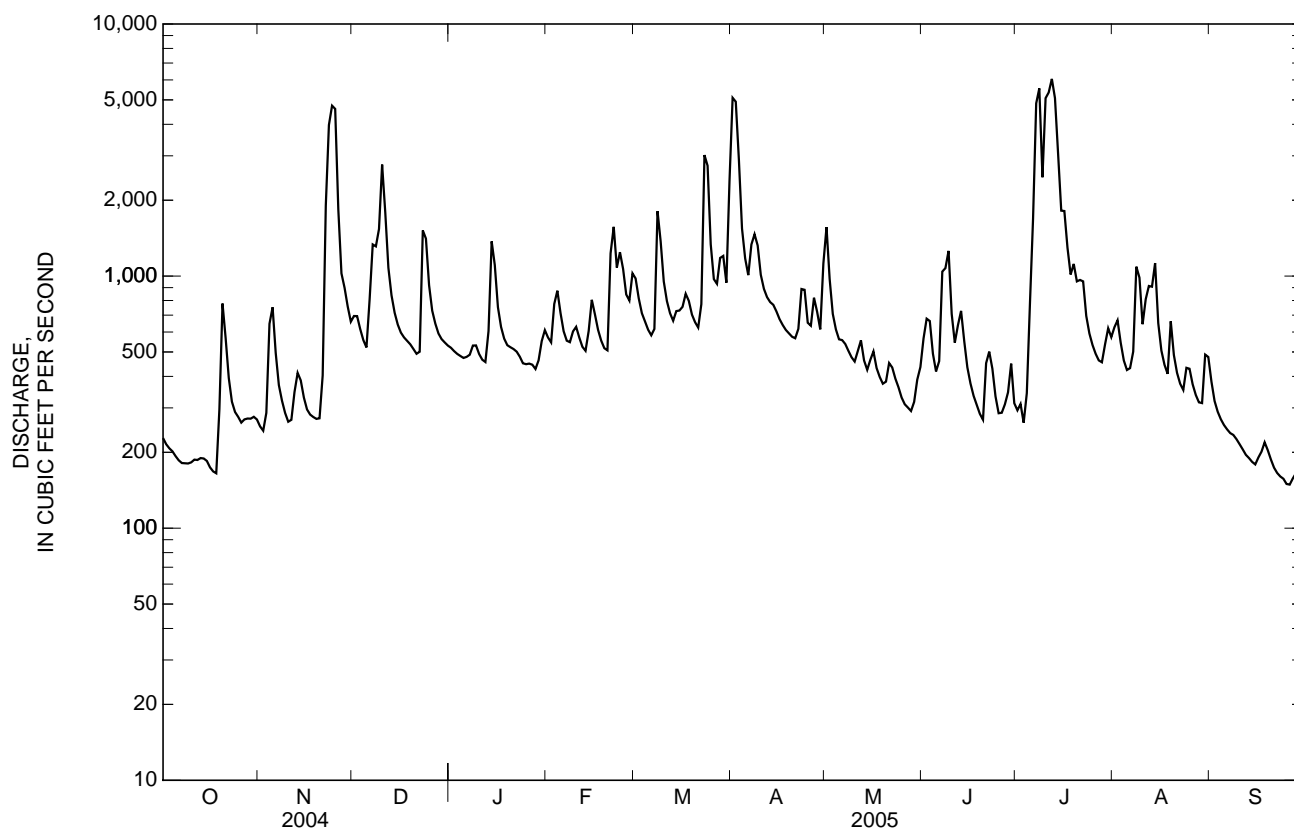
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	302	433	634	930	1,149	1,342	1,136	770	474	405	288	242
MAX	1,579	1,288	2,488	2,363	3,402	3,551	3,626	2,766	1,161	1,809	1,220	1,081
(WY)	(1996)	(1993)	(1984)	(1972)	(1961)	(1990)	(1979)	(2003)	(1989)	(2005)	(1967)	(1975)
MIN	16.2	51.0	142	209	423	321	317	212	65.3	28.5	48.0	30.0
(WY)	(1955)	(1955)	(2000)	(1956)	(2002)	(1988)	(1986)	(2000)	(1988)	(2000)	(1986)	(1954)

02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	203,015		281,389		673	
ANNUAL MEAN	555		771		1,064	
HIGHEST ANNUAL MEAN					249	
LOWEST ANNUAL MEAN					30,200	
HIGHEST DAILY MEAN	5,160	Sep 17	6,060	Jul 12	13	Mar 31, 1977
LOWEST DAILY MEAN	113	Sep 1	149	Sep 26	14	Oct 9, 1954
ANNUAL SEVEN-DAY MINIMUM	129	Aug 31	157	Sep 24	14	Oct 8, 1954
MAXIMUM PEAK FLOW			6,200	Jul 12	32,500	Mar 31, 1977
MAXIMUM PEAK STAGE			16.18	Jul 12	31.34	Mar 31, 1977
ANNUAL RUNOFF (CFSM)	1.24		1.72		1.50	
ANNUAL RUNOFF (INCHES)	16.86		23.37		20.42	
10 PERCENT EXCEEDS	934		1,330		1,250	
50 PERCENT EXCEEDS	394		544		412	
90 PERCENT EXCEEDS	182		215		117	

e Estimated



02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL, AL

LOCATION.--Lat 33°26'14", long 85°23'57", in SW 1/4 SW 1/4 sec. 21, T. 18 S., R. 12 E., Randolph County, Hydrologic Unit 03150108, near right bank on downstream side of bridge on County Highway 82, 1.0 mi upstream from Cut Nose Creek, and 2.0 mi east of Newell.

DRAINAGE AREA.--406 mi².

PERIOD OF RECORD.--October 1975 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 842.92 ft above NGVD of 1929 (datum published incorrectly 1976-86).

REMARKS.--Estimated daily discharges: Jan. 29, Feb. 28 - Mar. 1, Mar. 9-14. Records good. Low flow can be affected by regulation from gristmill located 3.2 mi upstream. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of February 1975 reached a stage of 19.3 ft from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1230	5,280	11.18	Jul 7	0300	4,860	10.61
Apr 1	1330	4,990	10.79	Jul 12	2200	*6,150	*12.32

Minimum discharge, 141 ft³/s, Sept. 25, 26, gage height, 2.23 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	243	227	741	477	673	e1,880	4,300	1,850	845	238	684	405
2	220	282	744	470	635	1,420	4,310	1,500	929	321	594	338
3	212	602	637	457	870	996	3,680	992	759	262	520	299
4	208	1,060	552	444	999	827	2,900	762	613	247	463	274
5	199	1,110	509	437	837	736	1,900	658	507	462	418	253
6	185	745	790	456	688	674	1,400	610	449	866	432	239
7	179	505	1,010	464	605	716	1,640	568	689	4,300	470	226
8	178	407	981	511	594	1,840	1,660	533	911	3,240	588	218
9	179	336	1,490	553	784	e1,480	1,380	503	916	2,680	870	209
10	181	297	2,160	509	803	e1,270	1,110	475	830	3,600	789	200
11	188	306	1,980	461	701	e992	962	539	641	5,140	681	190
12	194	373	1,540	439	614	e828	885	515	722	5,740	1,350	184
13	188	402	1,040	591	561	e757	821	459	764	5,610	1,310	179
14	185	380	776	1,340	731	e786	771	423	626	4,220	1,050	172
15	179	335	649	1,250	878	806	735	478	489	3,470	714	168
16	171	303	576	875	807	785	681	518	401	3,330	593	181
17	164	282	538	679	693	845	642	486	341	2,590	625	191
18	164	273	515	581	608	804	618	428	306	1,680	614	212
19	411	271	492	526	555	721	592	387	274	1,290	582	195
20	846	269	469	505	523	668	568	385	258	1,350	577	178
21	787	297	442	495	1,070	639	558	446	274	1,920	465	164
22	508	801	456	473	1,760	1,080	623	426	280	1,400	405	156
23	372	3,040	1,540	444	1,540	2,660	991	395	281	906	369	153
24	326	4,350	1,540	423	1,950	2,360	963	357	279	719	604	150
25	293	3,540	1,090	419	1,430	1,870	684	323	250	585	455	145
26	263	2,740	809	417	1,050	1,290	687	299	253	498	386	144
27	241	1,880	673	408	e900	1,400	879	284	268	570	343	154
28	228	1,200	590	395	e2,000	2,180	818	275	294	694	314	157
29	229	872	544	e480	---	1,910	669	358	268	674	357	162
30	232	692	514	626	---	1,540	1,310	503	249	862	522	157
31	231	---	496	747	---	3,110	---	564	---	782	496	---
TOTAL	8,384	28,177	26,883	17,352	25,859	39,870	39,737	17,299	14,966	60,246	18,640	6,053
MEAN	270	939	867	560	924	1,286	1,325	558	499	1,943	601	202
MAX	846	4,350	2,160	1,340	2,000	3,110	4,310	1,850	929	5,740	1,350	405
MIN	164	227	442	395	523	639	558	275	249	238	314	144
CFSM	0.67	2.31	2.14	1.38	2.27	3.17	3.26	1.37	1.23	4.79	1.48	0.50
IN.	0.77	2.58	2.46	1.59	2.37	3.65	3.64	1.59	1.37	5.52	1.71	0.55

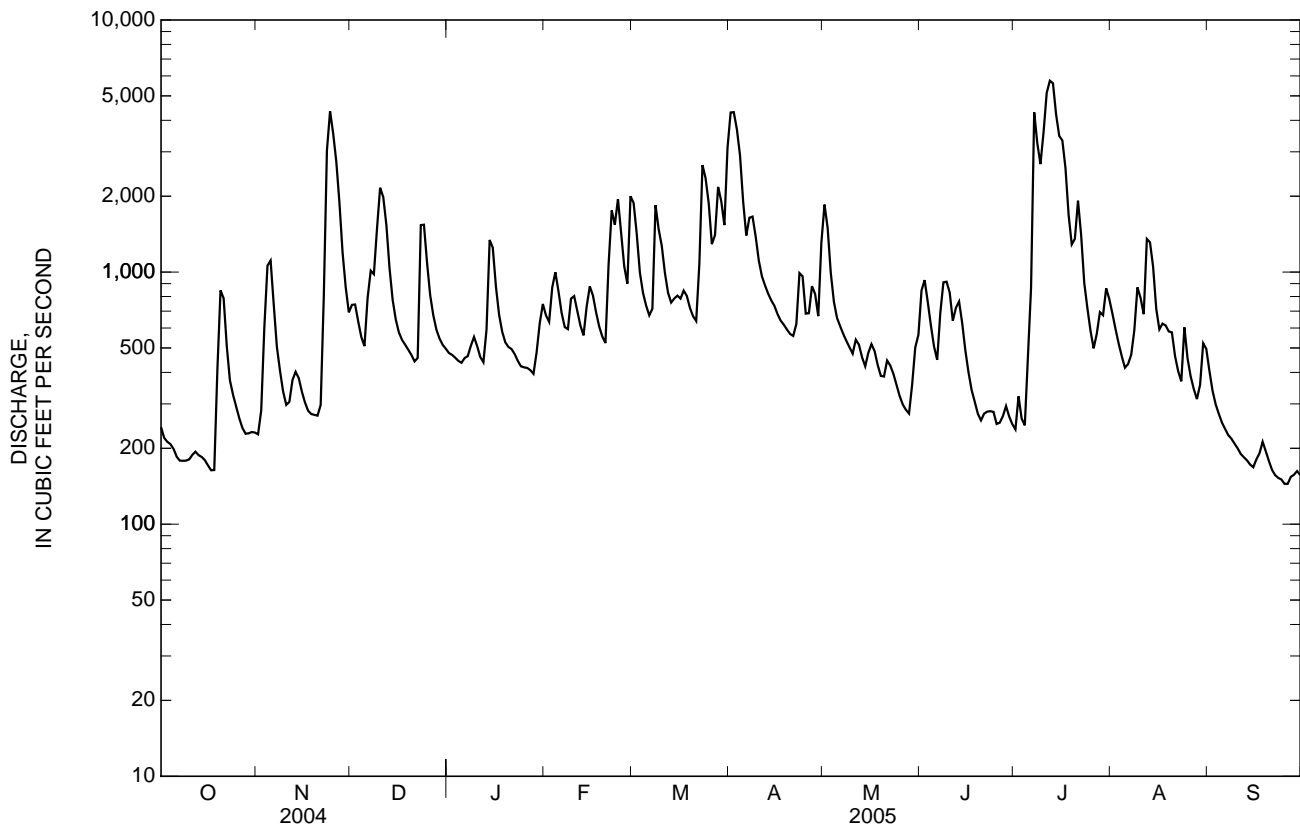
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2005, BY WATER YEAR (WY)

MEAN	284	456	568	793	1,013	1,207	922	618	432	399	247	213
MAX	1,371	1,381	1,796	1,548	2,435	2,799	2,631	2,311	1,316	1,943	1,081	865
(WY)	(1996)	(1993)	(1984)	(1976)	(1990)	(1990)	(1979)	(2003)	(2003)	(2005)	(1984)	(2004)
MIN	40.3	88.2	151	203	421	311	287	183	68.2	35.0	49.4	30.5
(WY)	(2001)	(2002)	(2000)	(1981)	(1986)	(1988)	(1986)	(2000)	(1988)	(2000)	(2000)	(1999)

02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1976 - 2005	
ANNUAL TOTAL	203,861		303,466		594	
ANNUAL MEAN	557		831		237	
HIGHEST ANNUAL MEAN					1,026	
LOWEST ANNUAL MEAN					237	
HIGHEST DAILY MEAN	4,350	Nov 24	5,740	Jul 12	12,600	Mar 17, 1976
LOWEST DAILY MEAN	84	Aug 10	144	Sep 26	18	Sep 20, 2000
ANNUAL SEVEN-DAY MINIMUM	108	Aug 5	151	Sep 22	21	Sep 14, 2000
MAXIMUM PEAK FLOW			6,150	Jul 12	14,100	Mar 16, 1976
MAXIMUM PEAK STAGE			12.32	Jul 12	18.18	Mar 16, 1976
ANNUAL RUNOFF (CFSM)	1.37		2.05		1.46	
ANNUAL RUNOFF (INCHES)	18.68		27.81		19.88	
10 PERCENT EXCEEDS	1,150		1,710		1,270	
50 PERCENT EXCEEDS	364		581		358	
90 PERCENT EXCEEDS	178		211		96	

e Estimated



02414500 TALLAPOOSA RIVER AT WADLEY, AL

LOCATION.--Lat 33°07'00", long 85°33'39", in SE ¼ SW ¼ sec. 12, T. 22 S., R. 10 E., Randolph County, Hydrologic Unit 03150109, on left bank 50 ft upstream from bridge on State Highway 22, 1 mi downstream from Beaver Dam Creek, and at mile 125.3.

DRAINAGE AREA.--1,675 mi².

PERIOD OF RECORD.--September 1923 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 599.87 ft above NGVD of 1929. June 17, 1959, to Sept. 30, 1970, nonrecording gage at same site and datum. Prior to June 17, 1959, at site 0.2 mi upstream at datum 1.46 ft higher.

EXTREMES FOR PERIOD OF RECORD (SEPTEMBER 1923 TO SEPTEMBER 1983).--Maximum discharge, 125,000 ft³/s, May 8, 2003, gage height, 37.30 ft; minimum daily discharge, 45 ft³/s, Oct. 2-4, 1954.

REMARKS.--Estimated daily discharge: Feb. 27-28. Records good. Flow regulated by several small mill dams above station and since 1982 by Harris Reservoir (station 02412950). Period subsequent to October 1, 1983 is used for monthly statistics.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jul 7	0630	*25,800	*15.74	Jul 11	0400	20,600	13.44

Minimum discharge, 108 ft³/s, Sept. 22, gage height, 2.31 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	423	1,780	1,720	339	4,100	6,880	12,100	1,730	5,250	2,410	2,030	1,750
2	336	2,430	4,270	320	3,720	4,510	14,000	5,240	4,640	606	3,420	2,170
3	429	4,500	4,180	2,340	1,800	5,700	14,500	4,730	5,740	804	3,090	959
4	2,180	5,540	2,480	2,950	2,020	5,610	14,000	5,100	3,160	2,060	4,760	978
5	2,180	5,690	2,140	3,460	3,450	1,840	16,400	2,820	1,560	3,630	4,440	753
6	1,820	2,240	3,480	3,220	2,410	1,330	8,990	4,080	3,520	6,150	3,310	2,670
7	313	489	6,130	3,700	3,700	2,850	4,790	1,350	3,240	19,200	2,670	2,640
8	114	2,610	2,390	1,010	3,310	6,530	7,700	1,150	4,260	14,900	2,980	2,720
9	112	2,430	7,970	497	3,080	8,230	7,100	1,620	5,150	14,600	3,450	1,110
10	177	2,260	8,190	3,950	5,240	7,880	4,790	3,830	6,110	14,400	3,960	487
11	1,980	3,900	3,910	3,320	5,040	4,610	3,200	3,360	3,580	17,300	2,890	435
12	1,710	2,600	5,300	3,690	2,210	2,930	4,460	2,490	1,690	12,900	2,210	2,030
13	157	1,680	7,070	5,180	2,300	1,640	4,350	1,980	1,990	17,600	5,850	1,850
14	313	805	5,100	4,890	5,410	3,530	3,270	2,550	2,640	16,800	5,220	1,970
15	3,420	2,510	4,270	5,380	3,470	5,000	2,630	1,980	3,280	9,860	3,190	1,830
16	746	1,170	3,540	1,870	3,930	5,000	1,430	3,110	2,830	6,970	3,080	2,040
17	1,240	1,530	2,580	2,110	4,260	3,890	1,640	3,310	887	8,750	2,320	490
18	4,370	2,680	320	3,610	3,710	4,050	1,650	2,550	748	5,860	1,950	472
19	2,160	2,790	302	2,170	1,020	1,310	1,440	1,970	713	3,700	2,950	1,340
20	4,410	1,960	2,580	2,730	394	1,440	2,050	3,230	401	3,230	1,530	1,370
21	4,360	2,340	3,740	2,590	4,300	3,980	1,410	1,260	454	4,290	882	1,670
22	4,240	4,250	4,560	293	7,110	7,650	1,730	1,190	2,410	8,400	1,710	1,320
23	887	12,900	5,880	289	5,210	8,280	1,110	5,100	2,650	2,860	1,970	1,780
24	752	14,600	4,560	2,420	9,560	8,720	1,470	1,150	2,070	1,640	3,190	782
25	3,010	15,500	5,700	1,210	4,100	10,200	2,620	1,170	891	3,340	4,130	368
26	2,070	13,900	1,890	1,120	4,750	5,310	3,090	943	783	3,590	3,620	1,590
27	2,260	6,480	3,190	3,690	7,000	6,400	3,740	928	921	2,230	3,060	1,580
28	2,120	4,380	2,420	3,620	10,000	2,740	4,780	861	1,850	3,260	2,750	1,680
29	3,290	5,120	3,470	2,390	---	3,750	2,710	2,240	1,820	3,700	2,680	650
30	607	3,720	4,620	742	---	5,590	1,710	3,250	2,020	1,670	2,280	373
31	1,100	---	3,550	4,100	---	11,600	---	2,030	---	1,790	1,840	---
TOTAL	53,286	134,784	121,502	79,200	116,604	158,980	154,860	78,302	77,258	218,500	93,412	41,857
MEAN	1,719	4,493	3,919	2,555	4,164	5,128	5,162	2,526	2,575	7,048	3,013	1,395
MAX	4,410	15,500	8,190	5,380	10,000	11,600	16,400	5,240	6,110	19,200	5,850	2,720
MIN	112	489	302	289	394	1,310	1,110	861	401	606	882	368
CFSM	1.03	2.68	2.34	1.53	2.49	3.06	3.08	1.51	1.54	4.21	1.80	0.83
IN.	1.18	2.99	2.70	1.76	2.59	3.53	3.44	1.74	1.72	4.85	2.07	0.93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2005, BY WATER YEAR (WY)

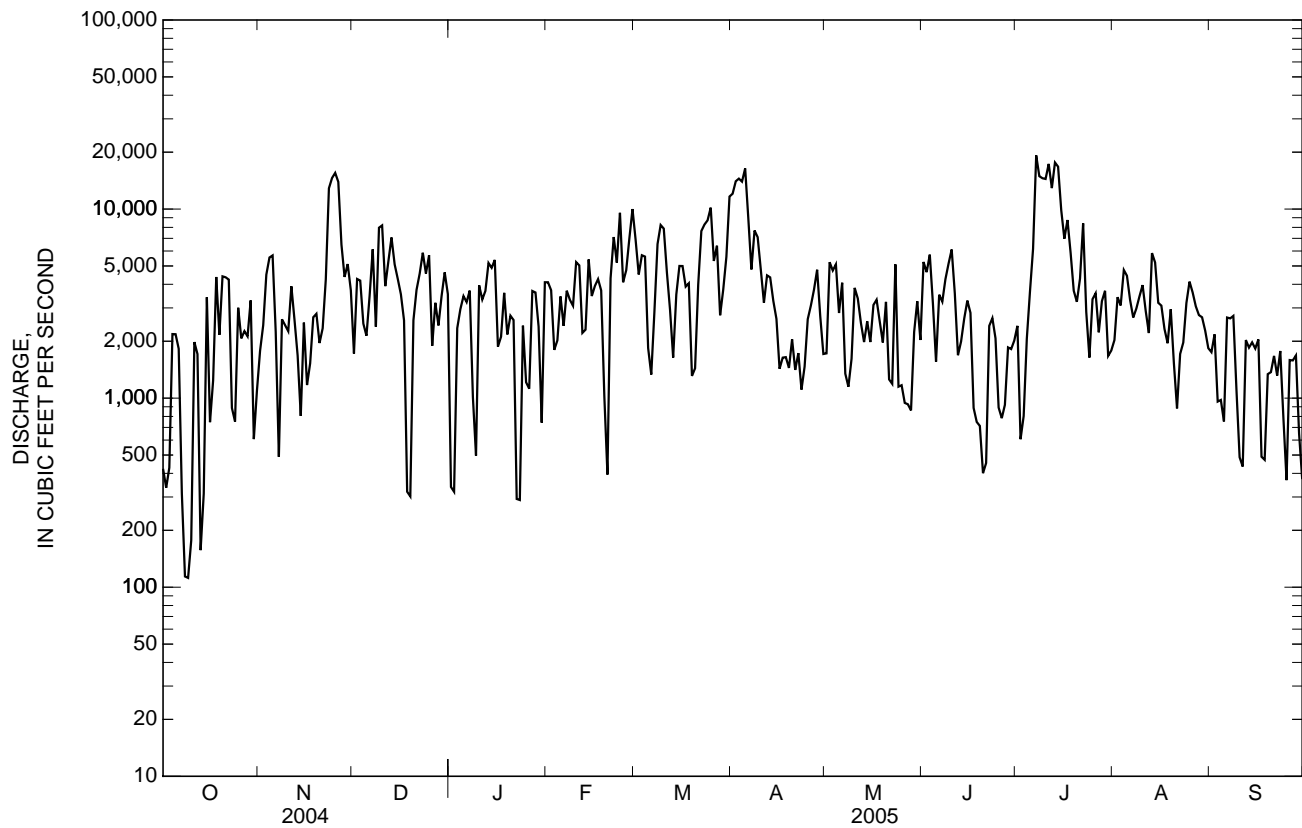
MEAN	1,331	2,250	2,624	3,249	4,459	4,978	2,552	2,658	1,960	2,143	1,494	1,137
MAX	5,599	6,246	8,336	6,757	10,890	13,270	5,162	14,320	4,819	7,048	4,331	3,180
(WY)	(1996)	(1993)	(1984)	(1993)	(1990)	(1990)	(2005)	(2003)	(2003)	(2005)	(1984)	(2004)
MIN	234	458	729	1,248	1,581	1,294	542	444	521	527	573	320
(WY)	(1987)	(2000)	(1988)	(1986)	(2000)	(1988)	(1986)	(1986)	(1986)	(1988)	(2000)	(1990)

MOBILE RIVER BASIN

02414500 TALLAPOOSA RIVER AT WADLEY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1984 - 2005	
ANNUAL TOTAL	877,892		1,328,545		2,562	
ANNUAL MEAN	2,399		3,640		4,889	
HIGHEST ANNUAL MEAN					1,082	
LOWEST ANNUAL MEAN					103,000	
HIGHEST DAILY MEAN	15,500	Nov 25	19,200	Jul 7	103,000	May 9, 2003
LOWEST DAILY MEAN	105	Aug 23	112	Oct 9	41	Aug 30, 1987
ANNUAL SEVEN-DAY MINIMUM	244	Apr 1	652	Oct 7	95	May 11, 1986
MAXIMUM PEAK FLOW			25,800	Jul 7	125,000	May 8, 2003
MAXIMUM PEAK STAGE			15.74	Jul 7	37.30	May 8, 2003
ANNUAL RUNOFF (CFSM)	1.43		2.17		1.53	
ANNUAL RUNOFF (INCHES)	19.50		29.51		20.78	
10 PERCENT EXCEEDS	4,780		7,030		5,410	
50 PERCENT EXCEEDS	2,000		2,820		1,690	
90 PERCENT EXCEEDS	313		783		228	

e Estimated



02414500 TALLAPOOSA RIVER AT WADLEY, AL—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.84	3.84	4.05	2.92	---	6.98	9.50	4.18	6.18	4.49	4.18	4.10
2	2.77	4.54	5.55	2.89	---	5.77	10.41	6.08	5.78	3.27	---	4.10
3	2.83	---	5.49	4.30	---	6.34	10.62	5.86	6.37	3.48	4.80	3.65
4	3.94	6.18	4.36	4.86	---	6.30	10.39	6.03	4.91	4.11	---	3.64
5	4.05	6.31	4.13	5.15	---	4.30	11.50	4.68	4.13	5.05	---	3.38
6	3.82	4.43	4.93	4.98	---	3.99	8.13	5.57	4.96	6.08	---	4.22
7	2.72	2.99	6.58	5.32	---	4.65	6.00	3.98	4.84	12.78	---	4.40
8	---	4.53	4.35	3.50	---	6.80	7.49	3.85	5.39	10.83	4.94	4.44
9	---	4.58	7.38	3.13	---	7.66	7.18	4.12	5.86	10.65	---	3.60
10	---	4.35	7.62	5.24	---	7.45	5.99	---	6.44	10.60	---	3.11
11	---	5.44	5.27	5.04	6.00	5.80	4.97	4.89	5.20	11.94	---	3.04
12	---	4.53	5.96	5.28	4.47	4.98	5.62	4.42	4.22	9.90	4.34	3.89
13	---	3.96	7.02	6.11	4.37	4.17	5.57	---	4.33	12.07	6.22	3.86
14	2.45	3.31	6.02	5.97	6.20	5.26	4.94	---	4.69	11.67	6.08	3.96
15	5.05	4.27	5.55	6.17	5.15	5.99	4.78	---	4.80	8.48	4.93	4.17
16	3.12	3.30	5.21	4.09	5.26	6.03	4.06	---	4.58	6.93	4.81	3.87
17	3.47	3.76	4.57	4.33	5.57	5.44	4.18	4.86	3.54	---	4.43	3.08
18	5.64	4.36	2.89	5.15	5.30	5.44	4.19	4.43	3.45	---	4.15	3.06
19	4.09	4.43	2.85	4.30	3.57	3.87	4.05	4.04	3.42	5.15	4.86	3.56
20	5.72	4.02	4.39	4.77	3.02	4.03	4.42	4.80	2.96	4.78	3.92	3.67
21	5.38	4.19	5.26	4.60	5.45	5.44	---	3.89	2.96	5.46	3.51	3.69
22	5.29	5.41	5.73	2.83	7.08	7.29	---	---	4.27	7.69	4.16	3.45
23	---	9.89	6.54	2.82	6.08	7.71	3.82	---	4.45	4.64	4.20	3.86
24	---	10.68	5.80	4.25	8.36	7.89	4.06	---	4.25	4.02	4.66	3.40
25	4.57	11.11	6.33	3.61	5.54	8.58	4.76	---	3.56	4.76	5.42	2.94
26	3.95	10.37	4.15	3.57	5.75	6.17	5.05	3.62	3.40	4.93	4.94	3.74
27	---	6.78	4.95	5.36	---	6.82	5.25	3.63	3.45	4.32	4.65	3.77
28	4.20	5.70	4.41	---	---	4.91	5.77	3.55	4.14	4.73	4.45	3.84
29	4.73	5.95	5.12	---	---	5.40	4.73	4.29	3.98	5.19	4.44	3.26
30	---	5.27	5.79	---	---	6.37	4.30	4.96	4.24	4.21	4.59	2.92
31	3.33	---	5.14	---	---	9.32	---	4.38	---	4.25	4.12	---
MEAN	---	---	5.27	---	---	6.04	---	---	4.49	---	---	3.66
MAX	---	---	7.62	---	---	9.32	---	---	6.44	---	---	4.44
MIN	---	---	2.85	---	---	3.87	---	---	2.96	---	---	2.92

02414715 TALLAPOOSA RIVER NEAR NEW SITE, AL

LOCATION.--Lat 32°58'38", long 85°44'23", in NW ¼ SW ¼ sec. 15, T. 23 N., R. 23 E., Tallapoosa County, Hydrologic Unit 03150109, on right bank 100 ft downstream from bridge on State Highway 49, 1 mi upstream from Emuckfaw Creek, 5 mi south of New Site, and at mile 95.9.

DRAINAGE AREA.--2,058 mi².

PERIOD OF RECORD.--November 1985 to current year.

REVISED RECORDS.--WDR AL-89-1: 1988(M).

GAGE.--Water-stage recorder. Datum of gage is 528.62 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records good. Flow regulated by Harris Reservoir (station 02412950) and small mill dams above station.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 24,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	1930	24,300	10.10	Jul 11	0930	25,500	10.33
Jul 7	1600	*38,000	*12.47				

Minimum discharge, 302 ft³/s, Oct. 9, 10, gage height, 2.42 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,830	1,800	3,500	1,860	5,000	9,190	20,400	3,600	6,000	2,820	2,300	2,930
2	549	2,650	4,110	1,180	3,910	6,880	19,000	4,470	6,020	2,660	2,780	2,020
3	548	3,750	4,830	1,540	4,090	5,680	17,800	7,450	5,250	1,530	3,880	2,880
4	731	4,860	3,270	3,770	2,900	6,870	16,000	5,820	5,880	1,500	3,910	1,780
5	2,590	8,620	3,020	3,850	3,890	4,080	19,400	4,460	3,770	2,880	3,990	1,600
6	2,250	3,900	3,070	3,900	3,220	2,670	12,500	3,840	2,460	5,470	2,520	1,450
7	1,990	1,490	7,570	4,410	3,430	2,320	7,990	3,740	4,530	32,800	2,010	3,570
8	426	1,740	3,400	3,470	3,950	7,980	9,070	2,350	4,580	19,400	2,280	2,950
9	311	3,740	6,200	1,460	3,760	8,610	8,550	2,170	5,160	15,500	3,340	3,220
10	309	2,300	10,500	2,370	5,300	9,140	6,940	2,650	6,910	15,100	4,750	1,660
11	690	4,080	6,600	4,480	7,300	7,180	5,060	4,740	6,010	22,500	5,710	1,100
12	2,240	3,260	5,520	4,280	4,610	3,750	5,840	4,210	4,040	15,600	4,770	1,010
13	2,060	3,260	7,160	4,900	2,600	3,040	5,120	3,280	2,620	18,500	4,780	2,590
14	484	2,200	7,320	6,920	5,690	3,630	5,280	2,630	3,000	20,000	7,360	2,310
15	1,680	2,510	5,420	6,550	6,090	5,640	4,720	3,690	3,550	13,000	5,150	2,700
16	2,140	1,480	4,770	4,210	3,600	5,600	2,930	3,110	3,630	8,690	4,910	2,070
17	1,090	2,260	3,890	2,530	5,130	5,630	2,800	4,180	3,340	9,580	5,420	2,620
18	2,820	2,090	1,600	4,690	5,620	6,610	2,870	4,020	1,760	7,510	4,250	997
19	2,960	3,230	1,110	2,690	2,890	2,460	2,770	3,200	1,520	5,250	4,470	1,040
20	4,750	3,240	2,180	3,510	1,490	2,630	2,410	3,270	1,500	4,410	4,050	2,080
21	4,570	2,380	4,060	3,920	3,610	3,580	3,000	4,000	888	5,120	2,990	1,670
22	4,960	3,020	4,830	1,620	6,080	7,370	2,890	2,130	1,320	7,830	2,200	2,140
23	4,090	12,100	7,160	1,120	7,620	11,900	3,040	3,310	3,000	6,280	2,360	1,960
24	1,020	14,900	7,970	2,540	10,500	10,600	2,920	4,340	3,200	3,380	2,830	2,150
25	1,390	17,900	6,400	2,120	8,480	10,100	3,240	1,970	2,560	2,010	4,780	1,100
26	3,520	14,700	4,670	1,810	4,730	8,960	3,680	1,900	1,500	4,020	4,660	946
27	2,720	10,400	4,190	3,340	e6,010	8,840	4,620	1,850	1,700	4,230	4,340	2,120
28	2,370	4,490	2,850	4,490	e7,540	10,400	4,890	1,740	1,210	2,700	3,650	2,170
29	2,580	5,940	3,810	3,280	---	6,120	5,820	1,730	2,500	4,170	3,450	2,260
30	3,620	4,650	5,170	2,630	---	6,260	4,590	4,090	2,460	4,550	3,950	1,010
31	750	---	5,090	3,520	---	18,400	---	3,830	---	2,400	2,640	---
TOTAL	64,038	152,940	151,240	102,960	139,040	212,120	216,140	107,770	101,868	271,390	120,480	60,103
MEAN	2,066	5,098	4,879	3,321	4,966	6,843	7,205	3,476	3,396	8,755	3,886	2,003
MAX	4,960	17,900	10,500	6,920	10,500	18,400	20,400	7,450	6,910	32,800	7,360	3,570
MIN	309	1,480	1,110	1,120	1,490	2,320	2,410	1,730	888	1,500	2,010	946
CFSM	1.00	2.48	2.37	1.61	2.41	3.32	3.50	1.69	1.65	4.25	1.89	0.97
IN.	1.16	2.76	2.73	1.86	2.51	3.83	3.91	1.95	1.84	4.91	2.18	1.09

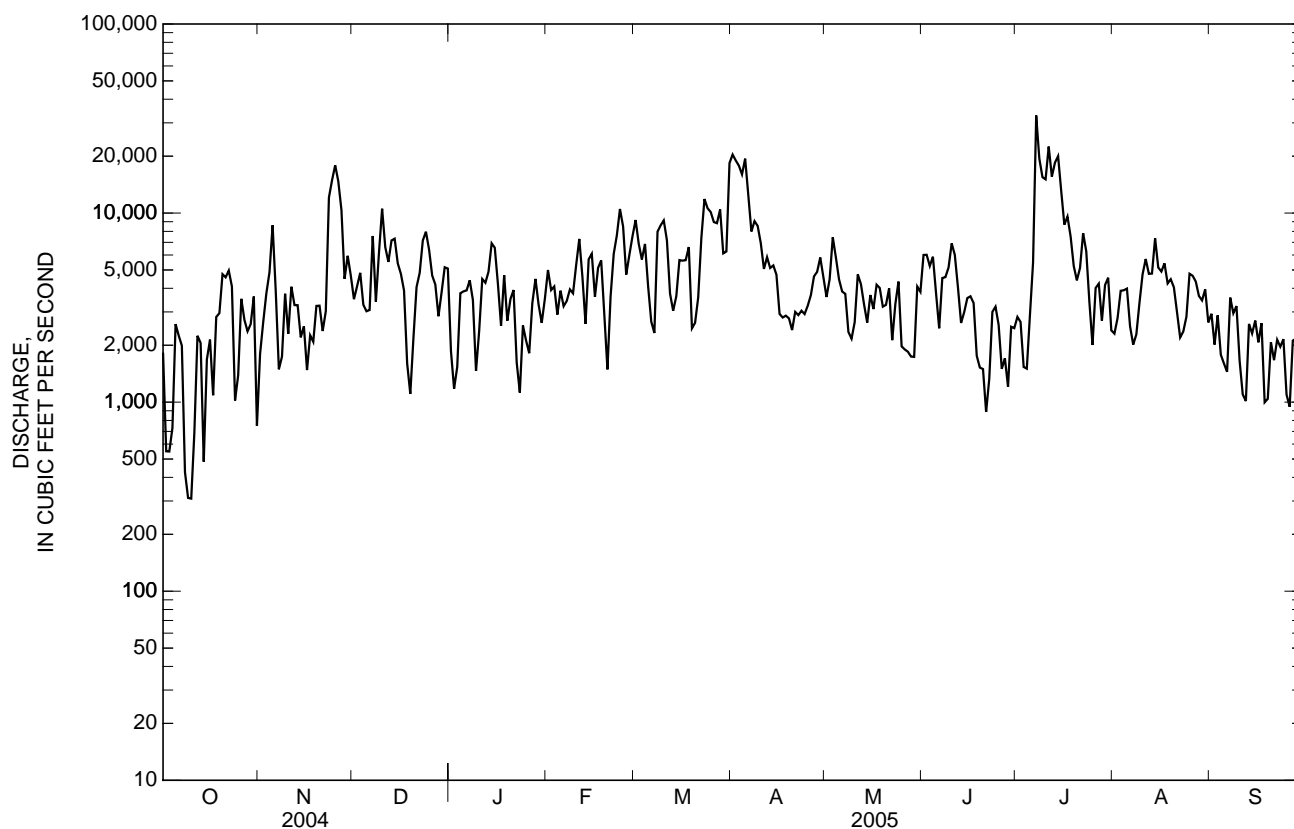
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1986 - 2005, BY WATER YEAR (WY)

MEAN	1,763	2,877	3,181	4,216	5,498	6,502	3,689	3,254	2,688	2,804	1,757	1,460
MAX	7,270	7,601	7,959	8,191	12,880	16,230	7,210	16,870	6,704	8,755	3,886	3,636
(WY)	(1996)	(1993)	(1993)	(1996)	(1990)	(1990)	(1998)	(2003)	(1989)	(2005)	(2005)	(2004)
MIN	325	638	1,011	1,757	2,270	1,785	800	763	689	841	727	413
(WY)	(1988)	(2002)	(1988)	(1986)	(1986)	(1988)	(1986)	(1986)	(1986)	(1986)	(2000)	(1990)

02414715 TALLAPOOSA RIVER NEAR NEW SITE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1986 - 2005	
ANNUAL TOTAL	1,053,385		1,700,089		3,388	
ANNUAL MEAN	2,878		4,658		5,852	
HIGHEST ANNUAL MEAN					1,461	
LOWEST ANNUAL MEAN					108,000	
HIGHEST DAILY MEAN	17,900	Nov 25	32,800	Jul 7	108,000	May 9, 2003
LOWEST DAILY MEAN	175	Aug 9	309	Oct 10	98	Aug 31, 1987
ANNUAL SEVEN-DAY MINIMUM	677	Apr 2	931	Oct 8	167	Oct 9, 1987
MAXIMUM PEAK FLOW			38,000	Jul 7	132,000	May 9, 2003
MAXIMUM PEAK STAGE			12.47	Jul 7	23.59	May 9, 2003
ANNUAL RUNOFF (CFSM)	1.40		2.26		1.65	
ANNUAL RUNOFF (INCHES)	19.04		30.73		22.37	
10 PERCENT EXCEEDS	5,390		8,570		6,660	
50 PERCENT EXCEEDS	2,340		3,680		2,450	
90 PERCENT EXCEEDS	609		1,580		411	

e Estimated



02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL

LOCATION.--Lat 33°04'00", long 85°52'45", in NW 1/4 SW 1/4 sec. 17, T. 24 N., R. 22 E., Tallapoosa County, Hydrologic Unit 03150109, near center of channel on downstream side of county road bridge, 1 mi downstream from Enitachopco Creek, 3 mi east of Hackneyville, and 4 mi upstream from Hackney Creek.

DRAINAGE AREA.--190 mi².

PERIOD OF RECORD.--June 1952 to September 1970, October 1970 to September 1972 (flood hydrograph only), October 1985 to current year.

REVISED RECORD.--WDR AL-86-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 557.92 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Jan. 28, 29; Feb. 27, 28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 13, 1979 reached a gage height of 28.10 ft, from floodmarks, discharge, 26,400 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 23	0900	4,640	14.26	Apr 1	1600	5,820	15.72
Mar 31	1630	7,470	17.71	Jul 7	0500	*8,610	*19.06

Minimum discharge, 70 ft³/s, Oct. 18, gage height, 4.08 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	88	106	459	274	287	726	4,030	714	720	150	306	218
2	84	198	361	265	354	561	2,450	483	553	125	284	191
3	84	484	316	257	548	494	1,210	412	642	126	250	177
4	81	956	288	252	431	452	919	371	361	122	226	162
5	77	500	273	248	354	422	775	350	284	132	215	150
6	76	304	478	262	314	392	710	338	247	1,430	217	143
7	75	238	461	272	292	411	1,190	318	265	5,080	261	139
8	75	204	470	302	287	1,220	885	302	335	695	314	130
9	75	177	932	272	866	649	696	288	677	495	238	124
10	78	156	877	248	683	564	616	280	301	989	276	119
11	85	227	581	241	468	488	570	271	299	2,210	300	113
12	110	593	455	237	396	441	594	260	461	836	308	109
13	106	422	388	338	358	414	536	247	315	752	690	107
14	87	291	335	636	577	475	500	240	253	837	1,350	103
15	82	235	305	376	474	405	467	428	222	742	338	99
16	76	210	290	317	409	460	442	306	199	652	270	96
17	73	198	280	283	364	431	423	252	184	512	300	101
18	71	187	271	264	329	393	408	234	174	407	260	103
19	132	184	262	256	311	373	392	223	159	366	386	93
20	787	201	247	252	304	359	378	245	150	339	250	86
21	253	227	242	248	551	349	420	270	153	353	220	82
22	170	463	277	240	521	895	469	228	182	314	301	79
23	136	1,260	1,520	226	464	2,670	491	213	150	278	476	78
24	254	1,970	650	217	1,750	925	378	201	136	253	291	76
25	207	1,070	474	221	753	660	355	186	129	241	305	78
26	151	577	402	221	552	549	644	179	134	231	251	168
27	125	487	349	214	e509	1,040	586	175	143	225	222	161
28	119	491	320	e201	e1,600	1,080	411	168	133	265	208	113
29	134	370	304	e387	---	713	371	220	130	1,000	204	106
30	123	329	294	427	---	588	1,000	448	166	491	432	96
31	111	---	284	334	---	4,270	---	345	---	364	263	---
TOTAL	4,185	13,315	13,445	8,788	15,106	23,869	23,316	9,195	8,257	21,012	10,212	3,600
MEAN	135	444	434	283	540	770	777	297	275	678	329	120
MAX	787	1,970	1,520	636	1,750	4,270	4,030	714	720	5,080	1,350	218
MIN	71	106	242	201	287	349	355	168	129	122	204	76
CFSM	0.71	2.34	2.28	1.49	2.84	4.05	4.09	1.56	1.45	3.57	1.73	0.63
IN.	0.82	2.61	2.63	1.72	2.96	4.67	4.57	1.80	1.62	4.11	2.00	0.70

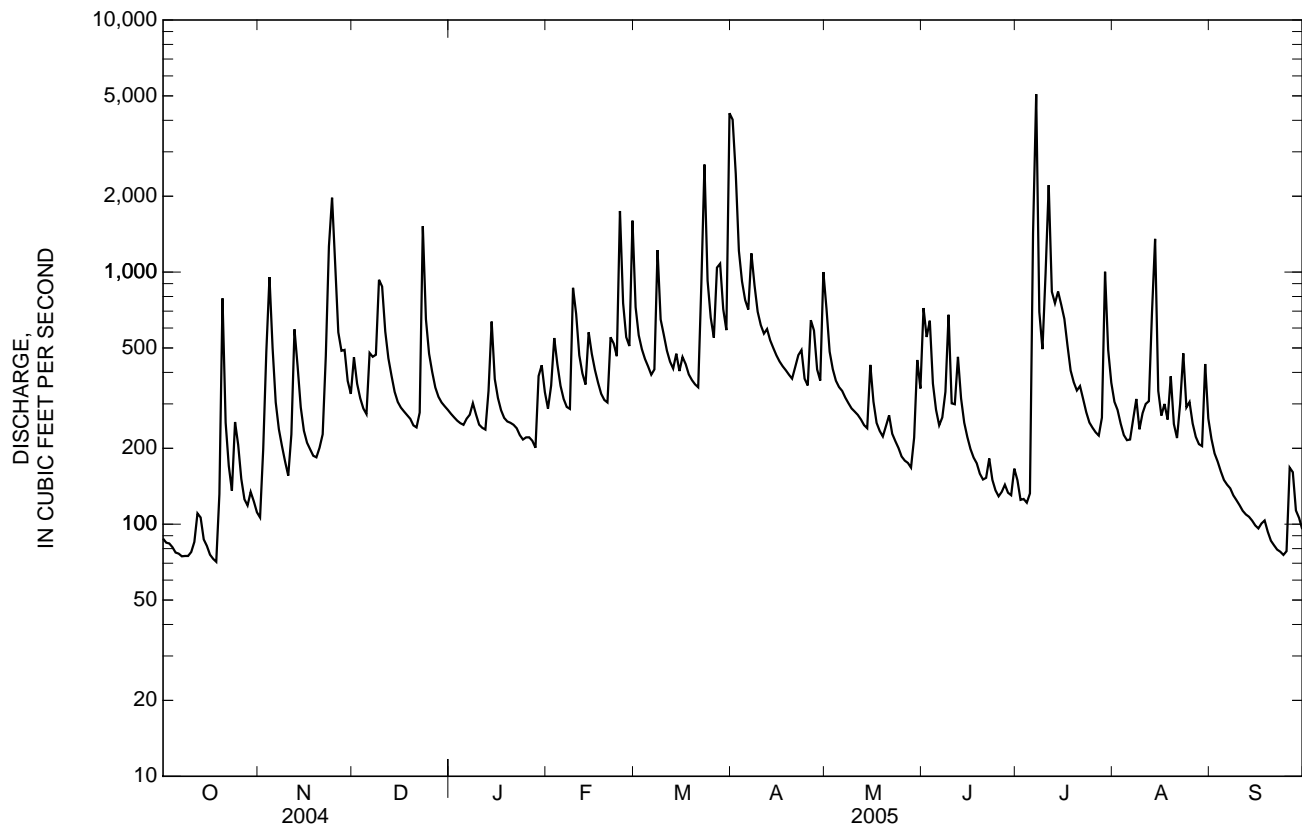
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

	109	188	297	393	557	633	541	318	226	187	115	116
MEAN	574	830	1,171	874	1,551	1,689	1,309	1,468	702	678	329	720
(WY)	(1996)	(1993)	(1962)	(1990)	(1990)	(1990)	(1964)	(2003)	(2003)	(2005)	(2005)	(1988)
MIN	11.5	37.5	62.7	93.5	178	176	125	82.4	38.6	14.6	12.5	15.3
(WY)	(1955)	(1955)	(2000)	(1956)	(1986)	(1988)	(1986)	(2000)	(1988)	(2000)	(2000)	(1990)

02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	93,321		154,300		306	
ANNUAL MEAN	255		423		527	
HIGHEST ANNUAL MEAN					108	
LOWEST ANNUAL MEAN					12,900	
HIGHEST DAILY MEAN	4,160	Sep 17	5,080	Jul 7	May 8, 2003	2003
LOWEST DAILY MEAN	33	Aug 9	71	Oct 18	Aug 24, 2000	2000
ANNUAL SEVEN-DAY MINIMUM	40	Aug 4	77	Oct 4	Aug 21, 2000	2000
MAXIMUM PEAK FLOW			8,610	Jul 7	17,700	Mar 16, 1990
MAXIMUM PEAK STAGE			19.06	Jul 7	25.70	Apr 5, 1957
ANNUAL RUNOFF (CFSM)	1.34		2.22		1.61	
ANNUAL RUNOFF (INCHES)	18.27		30.21		21.86	
10 PERCENT EXCEEDS	475		746		612	
50 PERCENT EXCEEDS	188		300		176	
90 PERCENT EXCEEDS	66		112		47	

e Estimated



LOCATION.--Lat 32°37'36", Long 85°35'17", in NW ¼ sec. 19, T. 19 N., R. 25 E., Lee County, Hydrologic Unit 03150110, on downstream side of bridge on County Road 188, 1 mi upstream of Loblocklee Creek, and 2 mi north of Loachapoka.

PERIOD OF RECORD.--November 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 520 ft above NGVD of 1929 (from topographic map).

REMARKS.--Estimated daily discharge: Feb. 27. Records good. Flow includes wastewater treatment plant discharges from City of Auburn.
Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS
WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,400 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	0600	*6,350	*8.06	Apr 30	1945	1,800	4.85
Mar 31	1945	4,890	7.25	Jul 11	0715	2,180	5.22
Apr 7	0715	1,530	4.56	Jul 21	0815	1,590	4.62

Minimum discharge, 24 ft³/s, on several days, gage height, 1.53 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	38	118	61	75	110	2,780	560	732	86	116	69
2	27	47	89	58	193	87	1,260	262	747	122	88	50
3	27	78	77	57	457	79	457	164	312	123	73	45
4	27	122	71	56	220	73	295	123	163	72	62	42
5	26	63	70	56	131	69	227	101	113	59	57	38
6	26	43	102	59	100	68	206	95	101	115	57	36
7	26	36	89	59	85	68	1,010	88	106	547	82	35
8	26	34	89	61	79	182	544	84	202	186	162	34
9	26	32	194	61	216	98	311	76	238	194	126	33
10	26	29	181	58	215	81	229	71	276	623	84	32
11	27	34	116	58	122	72	182	100	339	1,590	194	31
12	29	93	93	55	101	67	202	77	485	456	126	31
13	28	62	82	107	84	65	190	68	247	252	311	30
14	27	44	72	263	116	67	133	64	137	231	251	31
15	30	37	67	106	96	65	117	70	95	212	123	30
16	26	34	65	81	82	233	105	72	76	217	328	31
17	24	33	63	70	77	188	98	64	67	115	165	30
18	25	33	64	64	71	110	93	57	59	89	104	28
19	82	35	64	60	69	90	87	55	53	177	73	27
20	392	47	59	60	70	81	83	102	51	84	69	27
21	107	40	57	58	113	79	122	86	50	831	66	27
22	56	244	60	58	84	81	239	66	69	247	64	26
23	40	457	339	56	77	107	153	59	52	172	80	27
24	58	784	144	54	101	86	98	55	47	86	221	26
25	46	522	99	54	85	79	86	50	44	73	169	26
26	37	208	84	54	79	78	189	46	44	65	68	39
27	34	158	74	53	e90	2,180	197	45	44	70	54	49
28	41	161	69	51	185	3,710	110	44	106	65	49	34
29	95	108	66	137	---	565	89	43	117	60	65	32
30	43	91	64	132	---	287	930	52	83	325	120	31
31	40	---	63	89	---	3,390	---	467	---	121	77	---
TOTAL	1,552	3,747	2,944	2,306	3,473	12,595	10,822	3,366	5,255	7,665	3,684	1,027
MEAN	50.1	125	95.0	74.4	124	406	361	109	175	247	119	34.2
MAX	392	784	339	263	457	3,710	2,780	560	747	1,590	328	69
MIN	24	29	57	51	69	65	83	43	44	59	49	26
CFSM	0.70	1.75	1.33	1.04	1.74	5.70	5.06	1.52	2.46	3.47	1.67	0.48
IN.	0.81	1.95	1.54	1.20	1.81	6.57	5.65	1.76	2.74	4.00	1.92	0.54

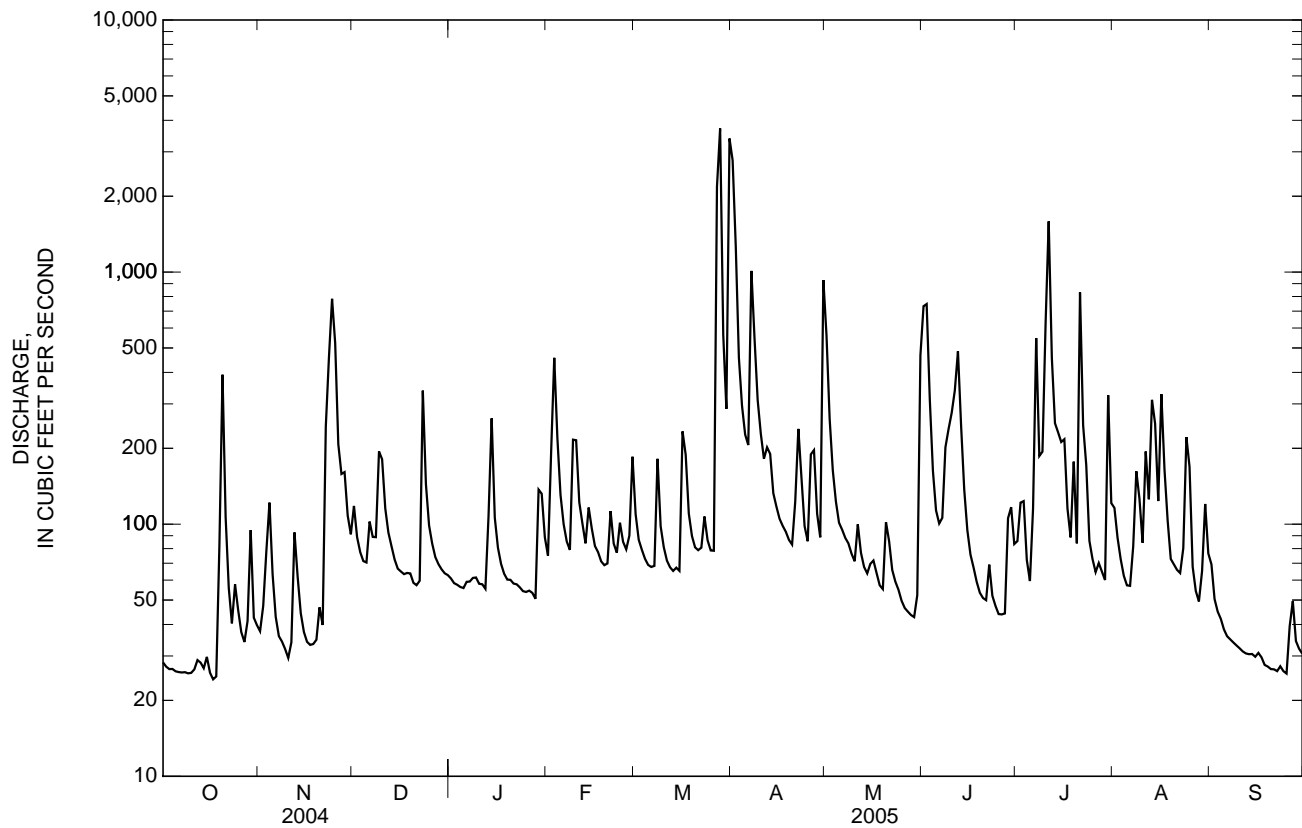
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	25.1	60.2	61.4	66.3	104	241	184	69.9	83.4	116	58.9	49.4
MAX	50.1	125	95.0	110	166	581	361	149	197	340	135	148
(WY)	(2005)	(2005)	(2005)	(2000)	(2003)	(2001)	(2005)	(2003)	(2003)	(2003)	(2003)	(2004)
MIN	12.2	18.0	20.6	36.1	51.9	68.3	53.4	32.9	19.6	17.0	14.8	14.4
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2004)	(2004)	(2000)	(2000)	(2000)	(2002)	(2002)

02418230 SOUGAHATCHEE CREEK NEAR LOACHAPOKA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	28,236		58,436		103	
ANNUAL MEAN	77.1		160		160	
HIGHEST ANNUAL MEAN					37.5	
LOWEST ANNUAL MEAN					160	
HIGHEST DAILY MEAN	1,460	Sep 17	3,710	Mar 28	4,210	Mar 4, 2001
LOWEST DAILY MEAN	13	Aug 9	24	Oct 17	6.7	Sep 11, 2002
ANNUAL SEVEN-DAY MINIMUM	16	Jul 19	26	Oct 4	7.5	Sep 5, 2002
MAXIMUM PEAK FLOW			6,350	Mar 28	7,570	Jul 2, 2003
MAXIMUM PEAK STAGE			8.06	Mar 28	8.64	Jul 2, 2003
ANNUAL RUNOFF (CFSM)	1.08		2.25		1.44	
ANNUAL RUNOFF (INCHES)	14.73		30.49		19.59	
10 PERCENT EXCEEDS	140		262		190	
50 PERCENT EXCEEDS	47		78		48	
90 PERCENT EXCEEDS	22		32		15	

e Estimated



02418500 TALLAPOOSA RIVER BELOW TALLASSEE, AL

LOCATION.--Lat 32°33'15", long 85°53'21", in SE ¼ NW ¼ sec. 30, T. 18 N., R. 22 E., Tallapoosa County, Hydrologic Unit 03150110, on left bank, 1.5 mi downstream from Benjamin Fitzpatrick Highway bridge and Thurlow Dam at Tallassee, 3.5 mi upstream from Uphabee Creek, and at mile 48.1.

DRAINAGE AREA.--3,328 mi².

PERIOD OF RECORD.--July 1928 to current year.

REVISED RECORD.--WSP 2106: 1962. WDR AL-84-1: Drainage area.

GAGE.--Nonrecording gage since April 1975. Datum of gage is 164.01 ft above NGVD of 1929 (levels by Alabama Power Co.). July 1928 to March 1975 water-stage recorder.

REMARKS.--No estimated daily discharges. Records fair. Daily discharge computed on basis of powerplant records, flow over spillway, and measured leakage. Flow regulated by Harris Reservoir (station 02413950), Lake Martin (station 02417500), other hydroelectric plants, and small mill dams above station.

COOPERATION.--Records collected by Alabama Power Co., under general supervision of U.S. Geological Survey, in connection with a Federal Energy Regulatory Commission project.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

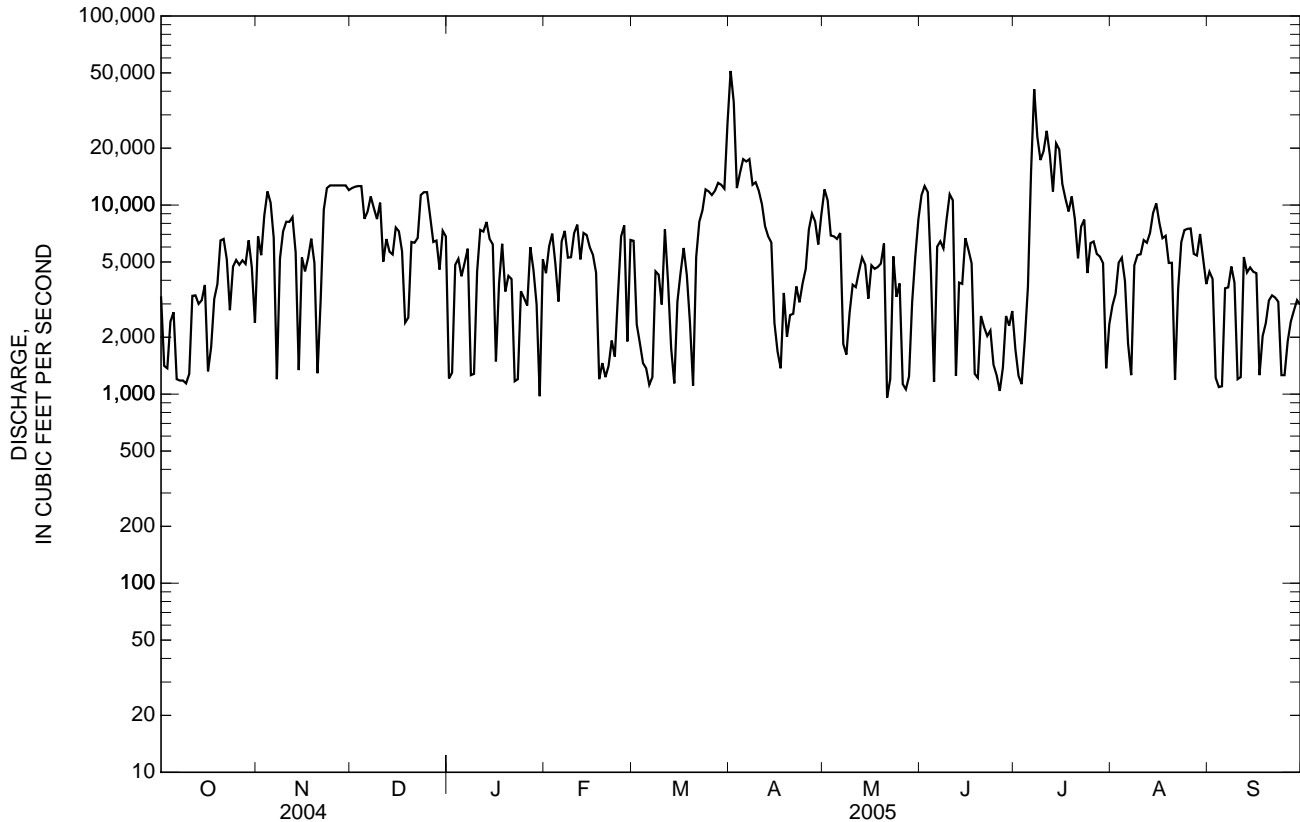
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3,290	6,820	12,300	1,210	4,360	6,470	51,200	12,100	11,300	1,720	2,940	4,440
2	1,410	5,430	12,500	1,300	6,050	2,340	34,900	10,600	12,600	1,250	3,390	4,070
3	1,370	8,840	12,600	4,830	7,060	1,860	12,300	6,900	11,700	1,130	4,960	1,220
4	2,420	11,800	12,600	5,200	4,890	1,460	14,800	6,830	4,470	1,940	5,270	1,090
5	2,710	10,300	8,460	4,200	3,090	1,370	17,500	6,620	1,160	3,690	3,970	1,100
6	1,200	6,710	9,240	4,950	6,420	1,120	17,000	7,110	6,030	15,000	1,850	3,630
7	1,180	1,200	11,100	5,880	7,300	1,230	17,500	1,840	6,430	41,000	1,260	3,670
8	1,180	5,220	9,630	1,260	5,270	4,460	12,800	1,620	5,900	23,000	4,800	4,730
9	1,140	7,260	8,430	1,280	5,300	4,280	13,200	2,680	8,390	17,300	5,440	3,890
10	1,280	8,160	10,300	4,460	7,110	2,980	11,900	3,790	11,400	19,300	5,490	1,200
11	3,310	8,150	5,020	7,390	7,880	7,430	10,100	3,680	10,600	24,700	6,530	1,230
12	3,330	8,640	6,610	7,240	5,160	3,920	7,740	4,450	1,250	18,400	6,320	5,310
13	3,000	5,620	5,670	8,140	7,120	1,750	6,830	5,280	3,890	11,800	7,110	4,400
14	3,140	1,340	5,480	6,610	6,940	1,140	6,340	4,840	3,830	21,200	9,090	4,680
15	3,780	5,290	7,610	6,200	5,980	3,090	2,380	3,200	6,680	19,700	10,200	4,440
16	1,320	4,460	7,270	1,490	5,450	4,370	1,680	4,800	5,790	12,900	8,060	4,360
17	1,770	5,260	5,700	3,850	4,390	5,930	1,370	4,600	4,920	10,800	6,680	1,260
18	3,190	6,640	2,390	6,240	1,200	4,270	3,430	4,700	1,280	9,250	6,880	2,030
19	3,820	4,940	2,540	3,490	1,460	2,390	2,010	4,900	1,220	11,100	4,940	2,370
20	6,500	1,290	6,380	4,220	1,230	1,110	2,620	6,260	2,590	8,430	4,950	3,130
21	6,620	3,150	6,320	4,060	1,410	5,320	2,660	958	2,260	5,230	1,190	3,330
22	5,170	9,460	6,700	1,170	1,920	8,170	3,710	1,200	2,030	7,690	3,600	3,240
23	2,780	12,300	11,300	1,200	1,580	9,380	3,060	5,350	2,170	8,380	6,370	3,080
24	4,730	12,700	11,700	3,500	3,350	12,100	3,850	3,270	1,430	4,370	7,370	1,260
25	5,120	12,700	11,700	3,220	6,820	11,800	4,600	3,850	1,260	6,290	7,490	1,260
26	4,830	12,700	8,670	2,940	7,810	11,300	7,430	1,130	1,040	6,420	7,520	1,900
27	5,100	12,700	6,380	5,990	1,900	11,900	9,000	1,060	1,380	5,520	5,520	2,420
28	4,880	12,700	6,490	4,530	6,540	13,100	8,190	1,240	2,590	5,340	5,410	2,770
29	6,500	12,700	4,560	2,980	---	12,800	6,190	3,060	2,300	4,930	7,030	3,140
30	4,680	12,000	7,310	975	---	12,200	8,920	5,320	2,750	1,370	5,180	2,970
31	2,380	---	6,830	5,170	---	27,100	---	8,420	---	2,340	3,820	---
TOTAL	103,130	236,480	249,790	125,175	134,990	198,140	305,210	141,658	140,640	331,490	170,630	87,620
MEAN	3,327	7,883	8,058	4,038	4,821	6,392	10,170	4,570	4,688	10,690	5,504	2,921
MAX	6,620	12,700	12,600	8,140	7,880	27,100	51,200	12,100	12,600	41,000	10,200	5,310
MIN	1,140	1,200	2,390	975	1,200	1,110	1,370	958	1,040	1,130	1,190	1,090
CFSM	1.00	2.37	2.42	1.21	1.45	1.92	3.06	1.37	1.41	3.21	1.65	0.88
IN.	1.15	2.64	2.79	1.40	1.51	2.21	3.41	1.58	1.57	3.71	1.91	0.98

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

	3,648	4,438	5,106	5,107	6,178	6,935	6,670	4,810	3,835	3,552	3,409	3,444
MEAN												
MAX	9,715	11,030	14,750	11,030	18,060	22,970	22,600	18,630	13,350	13,230	9,205	6,459
(WY)	(1976)	(1949)	(1933)	(1933)	(1990)	(1990)	(1979)	(2003)	(1989)	(2003)	(1984)	(1939)
MIN	531	1,425	704	853	1,440	633	455	381	1,336	814	924	924
(WY)	(1933)	(2001)	(1932)	(1932)	(1970)	(1988)	(1934)	(1988)	(1985)	(1988)	(1988)	(1986)

02418500 TALLAPOOSA RIVER BELOW TALLASSEE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	1,366,941		2,224,953		4,752	
ANNUAL MEAN	3,735		6,096		7,808	
HIGHEST ANNUAL MEAN					2,015	
LOWEST ANNUAL MEAN					125,000	
HIGHEST DAILY MEAN	12,700	Nov 24	51,200	Apr 1	125,000	Mar 17, 1990
LOWEST DAILY MEAN	241	Apr 26	958	May 21	10	Jun 3, 1930
ANNUAL SEVEN-DAY MINIMUM	432	Apr 26	1,590	Oct 4	18	May 28, 1930
MAXIMUM PEAK FLOW					128,000	Feb 25, 1961
MAXIMUM PEAK STAGE					51.35	Mar 15, 1929
ANNUAL RUNOFF (CFSM)	1.12		1.83		1.43	
ANNUAL RUNOFF (INCHES)	15.28		24.87		19.40	
10 PERCENT EXCEEDS	8,920		12,100		9,250	
50 PERCENT EXCEEDS	2,510		4,950		4,040	
90 PERCENT EXCEEDS	720		1,260		470	



LOCATION.--Lat 32°32'53", long 85°28'50", in NE ¼ sec. 18, T. 18 N., R. 26 E., Lee County, at abandoned bridge in Chewacla State Park, 0.2 mi downstream of Moores Mill Creek, downstream of Lake Ogletree, and 4 mi south of Auburn.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 27	1745	*5,780	*8.61	Apr 7	0545	820	4.44
Mar 31	1215	2,970	6.96	Apr 30	1245	1,050	4.83
Apr 1	1400	2,410	6.46	Jul 10	2300	1,270	5.16

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

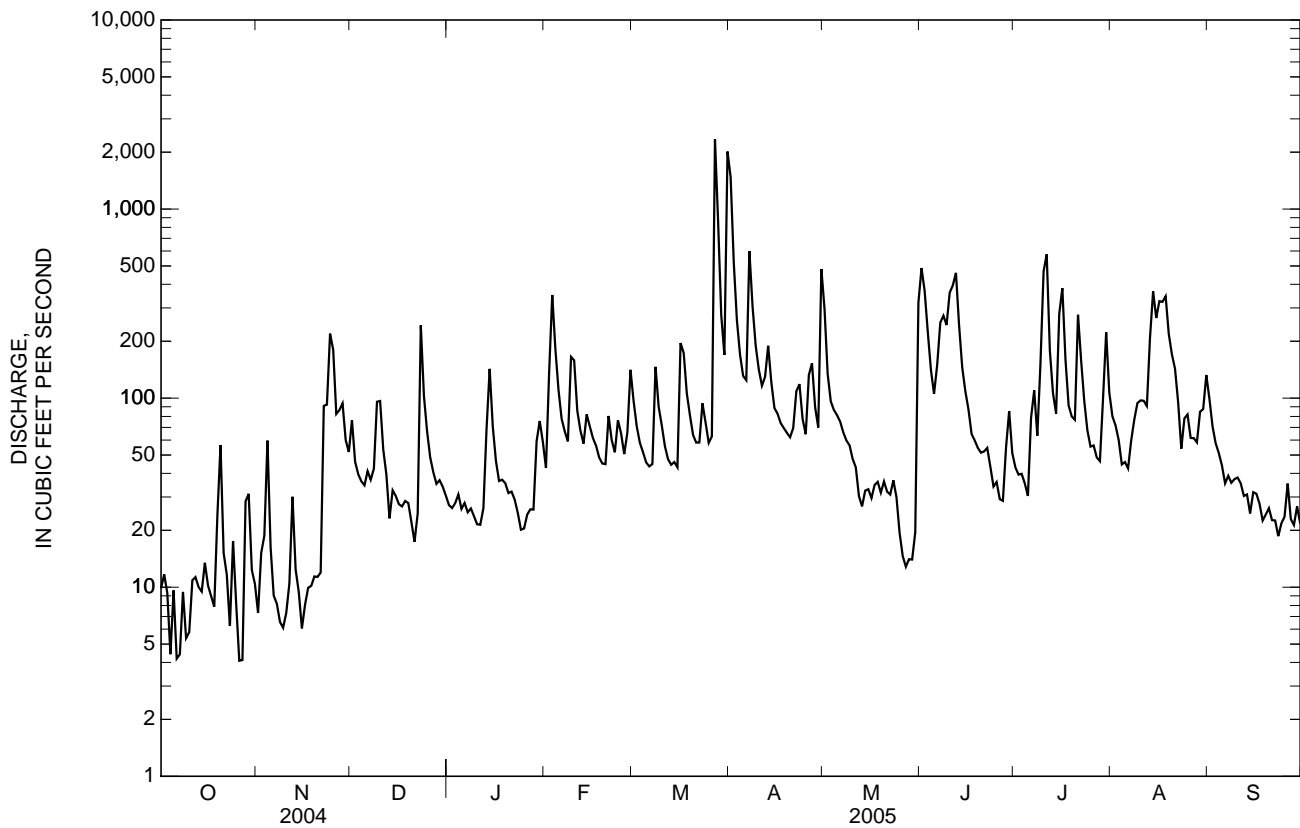
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.9	7.3	77	27	43	96	1,480	297	488	43	80	99
2	12	15	46	26	137	71	522	135	369	39	72	71
3	9.3	19	40	28	351	58	259	96	223	40	60	58
4	4.4	60	36	31	182	52	170	87	141	35	45	51
5	9.6	16	35	26	110	46	131	81	105	30	46	44
6	4.2	9.0	41	28	78	44	124	75	150	79	42	35
7	4.4	8.2	37	25	67	45	599	66	251	110	60	39
8	9.4	6.6	42	26	59	146	306	60	273	63	77	36
9	5.4	6.1	96	24	165	90	190	56	244	152	94	37
10	5.8	7.3	97	22	158	72	142	48	361	468	97	38
11	11	10	53	21	86	56	116	43	395	576	97	35
12	11	30	39	26	67	48	130	30	460	179	91	30
13	10	12	e23	68	57	44	189	27	243	106	208	31
14	9.5	9.4	e33	143	82	46	121	32	145	83	367	25
15	13	6.1	e30	71	71	43	89	33	109	279	265	32
16	10	8.1	e27	47	61	196	83	30	87	382	326	31
17	9.0	9.9	e27	36	56	173	74	35	65	160	323	28
18	7.9	10	29	37	49	106	69	36	60	91	346	23
19	24	11	28	35	45	81	65	32	55	80	219	24
20	57	11	22	31	45	64	62	36	51	77	171	26
21	15	12	17	32	80	58	69	32	52	276	143	23
22	12	91	25	29	60	58	109	31	55	158	95	23
23	6.2	92	242	25	52	94	119	37	43	97	54	19
24	18	219	103	20	76	74	78	30	34	68	78	22
25	8.2	180	67	20	65	58	64	19	36	55	82	24
26	4.1	82	49	24	51	63	133	15	29	56	62	35
27	4.1	87	41	26	e66	2,340	153	13	29	49	61	23
28	28	94	35	26	e141	857	89	14	55	46	58	21
29	31	60	37	e59	---	275	70	14	85	100	85	27
30	12	52	34	76	---	169	482	20	51	223	88	22
31	10	---	30	59	---	2,010	---	320	---	107	133	---
TOTAL	385.4	1,241.0	1,538	1,174	2,560	7,633	6,287	1,880	4,744	4,307	4,025	1,032
MEAN	12.4	41.4	49.6	37.9	91.4	246	210	60.6	158	139	130	34.4
MAX	57	219	242	143	351	2,340	1,480	320	488	576	367	99
MIN	4.1	6.1	17	20	43	43	62	13	29	30	42	19
CFSM	0.27	0.90	1.08	0.83	2.00	5.38	4.58	1.32	3.45	3.03	2.83	0.75
IN.	0.31	1.01	1.25	0.95	2.08	6.20	5.11	1.53	3.85	3.50	3.27	0.84

[illegible]

02418760 CHEWACLA CREEK AT CHEWACLA STATE PARK NEAR AUBURN, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	13,599.1		36,806.4		67.8	
ANNUAL MEAN	37.2		101		101	
HIGHEST ANNUAL MEAN					34.9	
LOWEST ANNUAL MEAN					2,740	
HIGHEST DAILY MEAN	831	Sep 16	2,340	Mar 27	2,740	Jul 1, 2003
LOWEST DAILY MEAN	1.1	Jul 16	4.1	Oct 26	1.1	Jul 16, 2004
ANNUAL SEVEN-DAY MINIMUM	3.8	Jul 12	6.2	Oct 4	3.8	Jul 12, 2004
MAXIMUM PEAK FLOW			5,780	Mar 27	7,180	Jul 1, 2003
MAXIMUM PEAK STAGE			8.61	Mar 27	9.19	Jul 1, 2003
ANNUAL RUNOFF (CFSM)	0.811		2.20		1.48	
ANNUAL RUNOFF (INCHES)	11.05		29.90		20.11	
10 PERCENT EXCEEDS	78		219		142	
50 PERCENT EXCEEDS	18		55		32	
90 PERCENT EXCEEDS	6.1		12		7.7	

e Estimated



02419000 UPHAPEE CREEK NEAR TUSKEGEE, AL

LOCATION.--Lat 32°28'36", long 85°41'42", in NE ¼ NE ¼ sec. 12, T. 17 N., R. 23 E., Macon County, Hydrologic Unit 03150110, on left bank at downstream side of bridge on State Highway 81, 1 mi upstream from Red Creek, 1.2 mi upstream from Western Railway of Alabama bridge, and 4 mi north of Tuskegee.

DRAINAGE AREA.--333 mi².

PERIOD OF RECORD.--October 1939 to September 1970, October 1970 to September 1974 (flood hydrograph only), October 1974 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 223.65 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records good. Occasional diurnal fluctuation at low flows caused by small plant above station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in March 1929 reached a stage of about 2 ft higher than that of Apr. 9, 1964, from information by local resident.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	0400	*17,600	*22.23	Apr 1	1800	11,300	18.33
Mar 31	1200	6,830	13.65				

Minimum discharge, 42 ft³/s, Oct. 10, gage height, 1.46 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	72	57	374	204	339	859	8,240	1,410	702	171	364	330
2	65	57	371	193	537	537	8,340	1,500	1,340	390	586	245
3	67	97	294	185	1,910	425	3,790	602	1,370	204	379	194
4	61	155	250	179	2,060	377	1,710	457	852	154	260	165
5	55	197	230	178	1,370	345	953	381	472	137	211	146
6	51	132	276	179	618	322	738	340	433	176	195	127
7	49	87	295	181	476	303	2,900	313	617	320	189	115
8	48	68	291	187	413	584	3,790	289	596	259	309	108
9	47	59	355	198	1,030	820	2,340	269	506	172	418	105
10	48	53	539	182	1,940	502	1,130	247	604	541	369	101
11	50	54	409	172	1,720	407	754	249	704	1,750	304	97
12	59	92	316	163	768	352	736	242	1,310	2,310	260	94
13	64	145	264	212	524	320	763	206	1,230	919	410	88
14	59	101	225	753	566	308	652	186	709	707	789	85
15	58	83	200	852	634	300	500	176	394	989	859	76
16	64	69	190	432	502	483	430	177	288	2,520	1,940	78
17	52	62	182	320	433	952	381	159	221	2,460	2,030	79
18	47	60	184	267	378	699	353	149	190	866	1,150	74
19	54	61	179	236	340	488	328	143	172	473	951	67
20	92	75	169	225	323	417	308	142	158	382	614	59
21	119	92	158	216	365	376	295	155	148	327	491	58
22	81	175	161	209	405	370	379	148	144	619	521	57
23	71	438	566	195	346	436	556	135	139	528	514	53
24	95	787	960	179	368	475	474	127	125	315	352	49
25	107	1,030	527	169	433	381	335	121	116	247	306	48
26	84	875	370	168	362	334	432	109	115	210	266	96
27	67	452	301	165	e380	7,520	682	103	111	195	218	134
28	57	563	257	159	e818	14,400	561	99	131	196	197	107
29	57	465	230	265	---	5,180	369	99	311	195	194	91
30	85	342	222	540	---	1,960	842	104	247	264	332	88
31	61	---	216	444	---	4,570	---	251	---	329	321	---
TOTAL	2,046	6,983	9,561	8,207	20,358	45,802	44,061	9,088	14,455	19,325	16,299	3,214
MEAN	66.0	233	308	265	727	1,477	1,469	293	482	623	526	107
MAX	119	1,030	960	852	2,060	14,400	8,340	1,500	1,370	2,520	2,030	330
MIN	47	53	158	159	323	300	295	99	111	137	189	48
CFSM	0.20	0.70	0.93	0.80	2.18	4.44	4.41	0.88	1.45	1.87	1.58	0.32
IN.	0.23	0.78	1.07	0.92	2.27	5.12	4.92	1.02	1.61	2.16	1.82	0.36

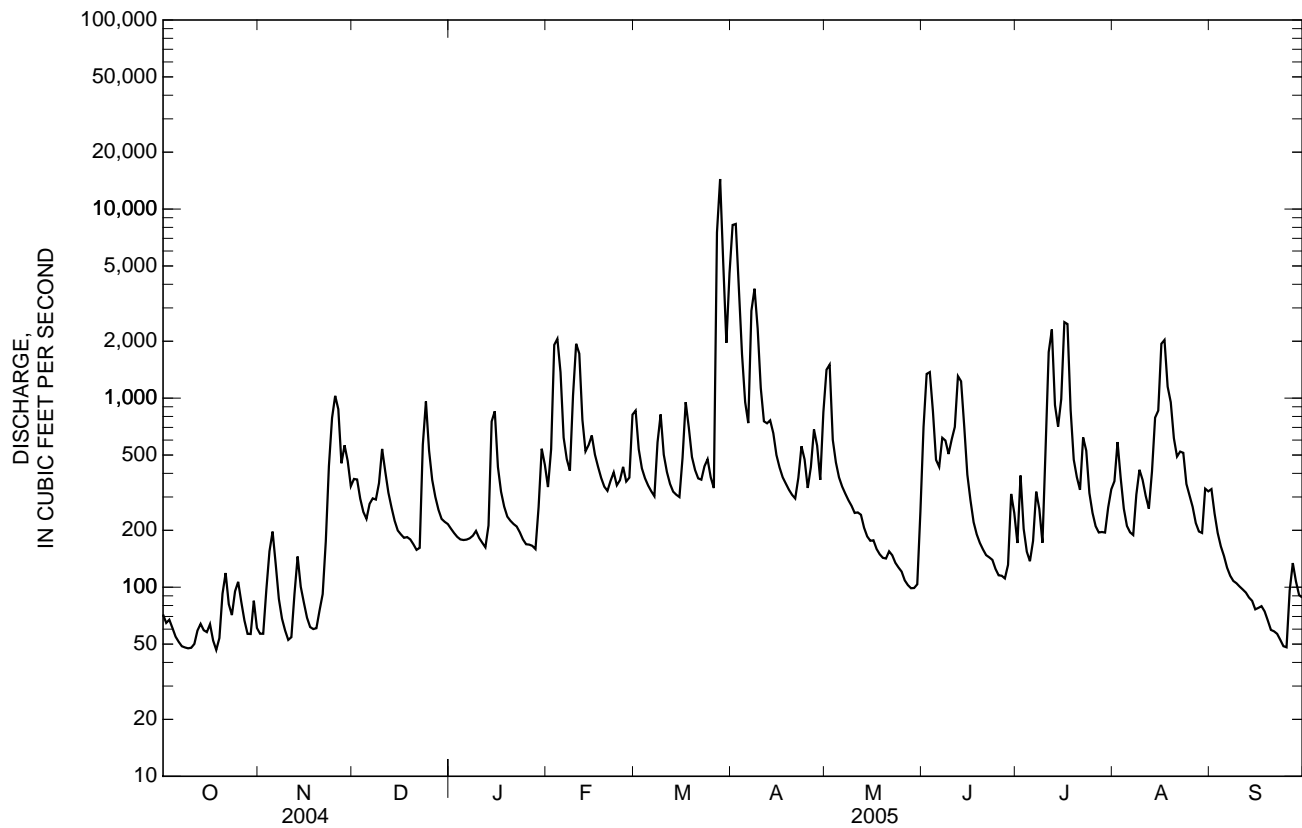
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

MEAN	105	217	420	609	845	1,108	748	315	183	249	117	89.5
MAX	1,284	2,681	2,042	1,807	2,369	3,412	3,951	1,517	1,435	2,033	553	543
(WY)	(1976)	(1949)	(1954)	(1946)	(1961)	(1943)	(1964)	(1953)	(1989)	(1994)	(1975)	(1969)
MIN	4.92	11.2	31.6	58.9	177	239	127	38.8	16.0	10.0	7.33	1.67
(WY)	(1955)	(1955)	(1955)	(1956)	(2000)	(2004)	(1967)	(2000)	(2000)	(2000)	(1956)	(1954)

02419000 UPHAPEE CREEK NEAR TUSKEGEE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	79,092		199,399		415	
ANNUAL MEAN	216		546		819	
HIGHEST ANNUAL MEAN					104	
LOWEST ANNUAL MEAN					24,900	
HIGHEST DAILY MEAN	2,400	Sep 18	14,400	Mar 28	24,900	Mar 17, 1990
LOWEST DAILY MEAN	26	Jul 22	47	Oct 9	0.80	Sep 14, 1954
ANNUAL SEVEN-DAY MINIMUM	35	Jul 19	50	Oct 5	1.3	Sep 3, 1954
MAXIMUM PEAK FLOW			17,600	Mar 28	32,200	Apr 9, 1964
MAXIMUM PEAK STAGE			22.23	Mar 28	28.18	Apr 9, 1964
ANNUAL RUNOFF (CFSM)	0.649		1.64		1.25	
ANNUAL RUNOFF (INCHES)	8.84		22.28		16.94	
10 PERCENT EXCEEDS	454		952		938	
50 PERCENT EXCEEDS	132		288		152	
90 PERCENT EXCEEDS	47		67		24	

e Estimated



02419500 TALLAPOOSA RIVER AT MILSTEAD, AL

LOCATION.--Lat 32°26'56", long 85°53'31", in SW 1/4 sec. 18, T. 17 N., R. 22 E., Elmore County, Hydrologic Unit 03150110, at bridge on State Highway 229, 4.4 mi downstream from Uphapee Creek, 9.9 mi downstream of Thurlow Dam, at Milstead, and at river mile 39.8.

DRAINAGE AREA.--3,771 mi².

PERIOD OF RECORD.--October 1971 to September 1977, October 1980 to September 1983, October 1997 to current year (gage heights only). Daily discharges are published for water years 1898-1902. Data from 1902 through current year in files of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 153.84 ft above NGVD of 1929.

REMARKS.--Records good. Daily gage heights are affected by operation of hydroelectric plants at Thurlow, Yates, and Martin Dams.

COOPERATION.--Remote telemetry provided by National Weather Service.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.4 ft, Apr. 1, 1977; minimum gage height, -1.3 ft, Oct. 30, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Significant flood events include 54.0 ft, Dec. 10, 1919; 50.9 ft, Mar. 15, 1929; 49.0 ft, Nov. 28, 1943; 48.5 ft, Nov. 29, 1948; 51.5 ft, Feb. 26, 1961; 47.8 ft, Apr. 8, 1964; 48.9 ft, Apr. 14, 1979; 44.75 ft, June 21, 1989; 49.85 ft, Mar. 17, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 40.55 ft, Apr. 1; minimum gage height, 2.21 ft, Oct. 9, 10, 11.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.01	6.50	13.43	4.24	7.37	9.55	38.51	15.03	13.28	3.76	5.18	6.72
2	3.09	4.48	13.65	3.01	8.57	7.10	38.87	14.40	14.33	3.01	6.26	6.13
3	2.40	4.03	13.62	6.04	10.86	3.56	30.67	9.87	14.04	3.03	7.33	3.97
4	3.25	4.99	13.54	7.14	10.58	4.02	21.46	9.21	9.06	3.62	7.60	3.02
5	3.65	11.56	10.62	6.86	7.97	3.16	20.05	8.83	4.30	4.98	6.47	2.91
6	2.63	9.20	11.29	6.96	8.82	3.09	19.26	9.73	7.36	10.03	4.43	4.87
7	2.27	3.65	12.59	7.47	10.08	3.05	22.09	5.43	9.91	29.81	3.18	5.95
8	2.25	5.49	11.73	4.12	8.33	6.55	20.50	3.90	8.25	30.01	7.87	6.02
9	2.24	8.60	10.51	3.00	7.91	7.37	18.11	4.86	9.70	20.06	8.97	6.45
10	2.23	9.01	13.04	5.65	10.42	5.54	16.55	5.79	12.99	18.48	8.68	3.42
11	3.92	9.44	7.36	9.12	12.32	8.72	13.92	5.86	13.19	24.27	9.54	2.72
12	4.20	9.63	8.64	9.18	9.60	7.21	11.12	6.62	6.16	---	9.32	6.15
13	4.50	7.78	7.89	9.74	9.04	4.10	10.34	7.40	6.95	---	10.84	6.73
14	4.64	3.75	7.99	9.28	10.09	3.32	9.16	7.36	7.44	20.89	12.12	6.56
15	5.31	5.62	9.32	9.10	9.15	4.32	6.20	5.13	8.68	22.01	13.49	6.65
16	2.98	5.96	9.74	5.16	8.19	5.81	4.94	6.88	8.01	17.98	12.12	6.53
17	2.77	6.47	8.07	5.30	7.02	9.48	4.49	7.00	6.92	14.69	12.40	3.45
18	4.80	7.87	5.10	8.38	4.22	7.89	5.00	7.03	4.10	12.86	10.24	3.43
19	4.11	6.98	4.59	6.11	3.24	5.54	5.51	7.01	2.94	13.97	10.01	5.31
20	8.06	3.28	7.71	6.03	3.18	3.37	5.02	7.26	3.95	10.31	8.69	5.23
21	8.42	2.58	8.18	6.65	3.43	6.62	5.02	4.54	3.96	7.94	4.84	5.21
22	5.74	3.33	8.74	3.57	3.86	9.46	6.52	2.95	3.81	8.74	5.59	5.29
23	5.40	---	12.36	2.92	3.78	11.03	5.35	6.20	3.75	10.89	8.49	4.89
24	5.07	14.51	13.65	5.50	4.40	13.64	6.95	5.51	3.11	8.07	9.62	3.33
25	6.60	14.84	13.48	5.53	9.53	13.37	7.80	4.76	2.67	7.67	9.95	2.54
26	6.80	14.60	11.52	4.85	9.43	12.62	9.24	3.27	2.64	8.40	9.63	3.74
27	6.70	14.11	9.06	7.48	---	19.91	11.95	2.70	2.63	7.87	8.47	4.06
28	6.73	13.90	8.35	7.45	8.68	30.40	10.59	2.67	4.12	7.31	8.78	4.82
29	5.23	13.94	6.83	5.54	---	27.29	9.59	3.54	3.98	7.39	9.18	4.92
30	5.21	13.52	9.11	4.17	---	19.47	10.19	7.46	4.91	4.09	8.21	5.00
31	4.19	---	9.37	6.89	---	25.70	---	8.95	---	4.41	6.68	---
MEAN	4.53	---	10.03	6.21	---	9.75	13.50	6.68	6.90	---	8.52	4.87
MAX	8.42	---	13.65	9.74	---	30.40	38.87	15.03	14.33	---	13.49	6.73
MIN	2.23	---	4.59	2.92	---	3.05	4.49	2.67	2.63	---	3.18	2.54

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL

LOCATION.--Lat 32°26'23", long 86°11'44", in SE 1/4 sec. 19, T. 17 N., R. 19 E., Montgomery County, Hydrologic Unit 03150110, on left bank at the Clarence T. Perry (city of Montgomery) water purification plant, 2.5 mi above U.S. Highway 231 bridge, 4 mi northeast of Montgomery, and at river mile 12.8.

DRAINAGE AREA.--4,646 mi².

PERIOD OF RECORD.-- October 1995 to current year. October 1972 to September 1995 (gage heights only). August 1966 to December 1970 in files of Geological Survey. May to September 1972 in files of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 129.13 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, July 2-5, 22. Records poor. Daily discharges can be affected by backwater from the Coosa River. Flow is regulated by Harris Reservoir (station 02412950), Lake Martin (station 02417500), and other hydroelectric plants above station including Yates and Thurlow Dams.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 42.13 ft, Mar. 18, 1990; minimum gage height, 0.1 ft, Oct. 17, 1978.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 26, 1961, reached a stage of 41.9 ft from floodmarks.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 75,600 ft³/s, Apr. 2, gage height, 33.37 ft; minimum discharge, 1,520 ft³/s, Oct. 11, gage height, 3.48 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6,800	4,200	15,400	6,910	7,190	10,500	51,600	16,800	12,900	3,460	3,620	6,280
2	4,100	6,910	14,700	2,670	7,640	9,440	72,100	16,100	14,200	e2,520	4,690	6,050
3	1,840	7,190	14,600	3,240	13,200	4,310	69,100	11,400	14,400	e2,500	5,990	5,390
4	1,710	12,500	14,300	6,050	15,300	3,490	50,400	9,500	11,100	e2,500	6,900	2,490
5	2,730	12,200	11,900	6,350	11,600	2,840	33,500	8,880	5,370	e3,590	6,670	2,280
6	3,060	9,970	11,200	5,690	9,190	2,560	27,900	9,410	3,160	6,600	5,420	2,180
7	1,640	6,880	13,000	6,050	9,560	2,470	29,700	7,770	9,090	25,100	2,830	4,630
8	1,570	3,050	13,100	5,830	9,480	4,060	32,100	3,580	7,920	37,400	3,330	4,390
9	1,550	6,530	12,300	2,640	8,500	8,290	27,900	3,090	8,900	34,100	9,310	5,520
10	1,550	8,460	14,700	3,160	12,700	5,690	24,900	4,180	12,400	23,000	9,410	4,590
11	1,570	9,220	10,700	6,320	14,900	5,540	19,400	4,990	13,100	26,600	10,300	1,950
12	3,500	9,870	8,390	8,660	13,400	8,460	14,500	5,180	9,040	29,900	9,760	2,140
13	3,750	9,020	9,290	8,920	8,810	4,820	12,700	6,280	4,060	26,400	11,000	5,740
14	3,320	6,090	7,900	10,100	9,800	2,890	11,700	6,410	6,600	24,900	11,900	5,360
15	3,690	3,290	8,090	10,600	10,300	2,600	9,500	5,240	7,220	28,800	14,300	5,330
16	3,780	5,650	9,180	8,750	8,610	4,420	5,780	4,650	7,430	27,800	12,400	5,440
17	1,630	5,520	8,670	4,390	7,320	8,210	4,600	5,840	6,650	20,600	16,500	4,850
18	2,340	6,360	5,810	6,600	5,440	8,950	4,150	5,840	5,660	16,300	14,300	1,880
19	2,980	7,110	3,820	6,610	3,060	6,030	5,690	5,870	2,220	16,400	13,600	2,540
20	5,590	4,740	5,020	4,920	2,800	3,700	4,130	5,480	2,020	11,500	10,900	3,920
21	7,470	2,030	7,430	5,590	2,750	3,860	4,410	6,480	2,880	8,980	7,830	3,660
22	6,130	5,840	7,840	4,260	3,050	7,180	5,670	2,260	2,630	e8,790	3,760	3,700
23	5,600	13,700	11,500	2,400	3,290	10,700	6,040	2,440	2,540	11,200	7,670	3,560
24	3,860	17,700	14,600	3,260	3,390	13,900	6,220	5,500	2,610	9,500	9,410	3,460
25	5,550	22,100	14,600	4,570	8,170	14,200	7,590	3,800	1,760	6,670	9,790	1,770
26	5,720	22,400	12,200	3,880	7,600	13,100	8,240	3,380	1,700	7,980	9,270	1,790
27	5,560	21,200	10,200	4,740	e8,320	22,700	12,300	1,840	1,700	7,610	8,340	2,800
28	5,640	20,400	8,000	6,790	6,400	43,200	11,400	1,760	1,850	6,840	7,860	2,870
29	5,540	18,700	6,930	5,400	---	55,600	10,400	1,730	2,790	7,020	8,200	3,250
30	6,500	17,200	6,810	4,950	---	41,500	9,820	3,990	3,190	6,400	8,410	3,580
31	4,900	---	8,880	5,030	---	34,000	---	6,870	---	2,760	7,340	---
TOTAL	121,170	306,030	321,060	175,330	231,770	369,210	593,440	186,540	187,090	453,720	271,010	113,390
MEAN	3,909	10,200	10,360	5,656	8,278	11,910	19,780	6,017	6,236	14,640	8,742	3,780
MAX	7,470	22,400	15,400	10,600	15,300	55,600	72,100	16,800	14,400	37,400	16,500	6,280
MIN	1,550	2,030	3,820	2,400	2,750	2,470	4,130	1,730	1,700	2,500	2,830	1,770
CFSM	0.84	2.20	2.23	1.22	1.78	2.56	4.26	1.30	1.34	3.15	1.88	0.81
IN.	0.97	2.45	2.57	1.40	1.86	2.96	4.75	1.49	1.50	3.63	2.17	0.91

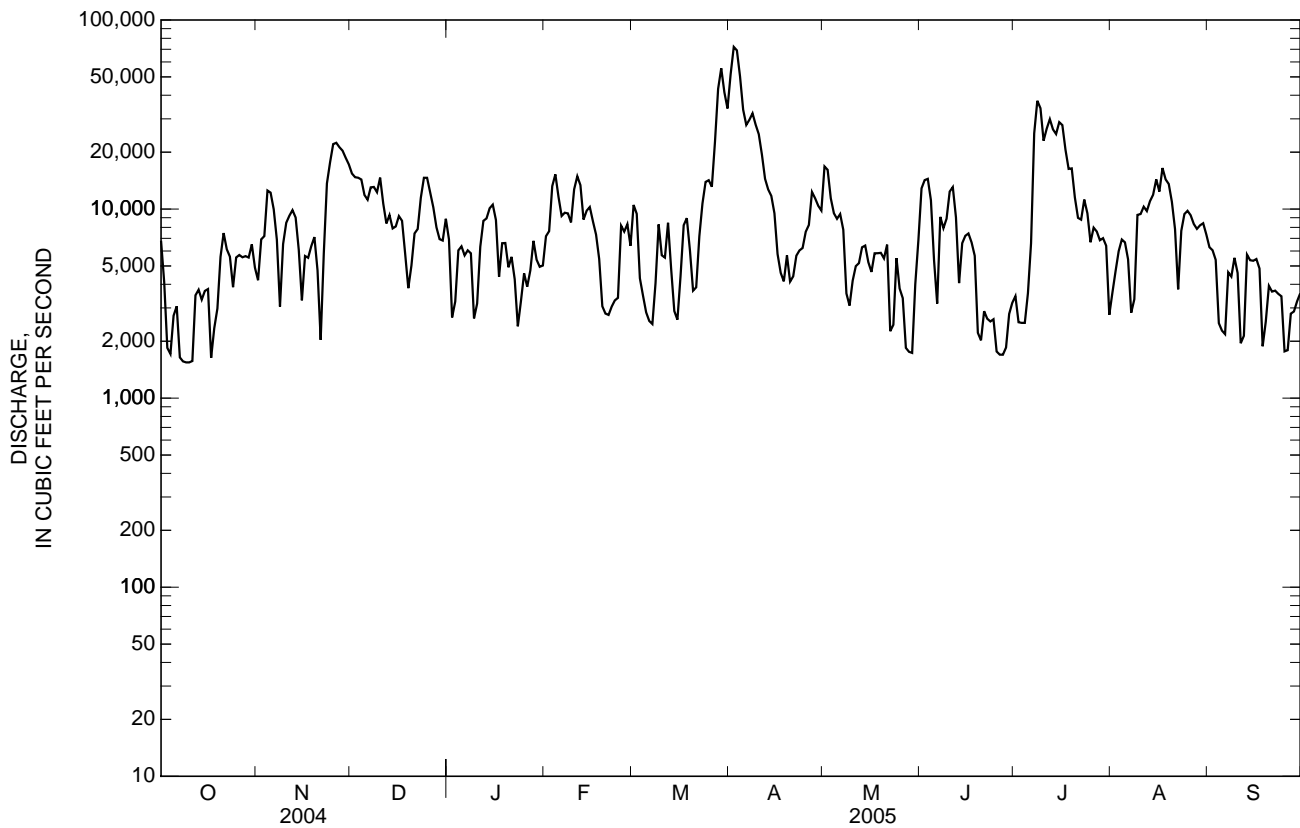
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	3,934	5,536	7,347	7,710	10,140	12,260	7,919	5,557	5,049	5,729
MAX	13,100	10,720	13,940	14,830	20,630	25,230	19,780	23,340	12,330	16,470
(WY)	(1996)	(1996)	(1998)	(1998)	(1996)	(2001)	(2005)	(2003)	(2003)	(2003)
MIN	1,587	1,765	3,088	3,979	2,770	2,205	1,346	1,543	1,561	1,615
(WY)	(2001)	(2001)	(2000)	(2000)	(2000)	(2004)	(2004)	(2000)	(2002)	(2002)

02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	1,882,975		3,329,760		6,503	
ANNUAL MEAN	5,145		9,123		10,440	
HIGHEST ANNUAL MEAN					2,635	
LOWEST ANNUAL MEAN					82,000	
HIGHEST DAILY MEAN	22,600	Sep 18	72,100	Apr 2	256	Mar 10, 1998
LOWEST DAILY MEAN	944	Apr 25	1,550	Oct 9	874	Oct 21, 1997
ANNUAL SEVEN-DAY MINIMUM	988	Apr 24	1,950	Oct 5	90,800	Apr 30, 2002
MAXIMUM PEAK FLOW			75,600	Apr 2	34.59	Mar 10, 1998
MAXIMUM PEAK STAGE			33.37	Apr 2	1.40	
ANNUAL RUNOFF (CFSM)	1.11		1.96		19.02	
ANNUAL RUNOFF (INCHES)	15.08		26.66		14,700	
10 PERCENT EXCEEDS	11,600		16,400		3,730	
50 PERCENT EXCEEDS	3,640		6,600		1,550	
90 PERCENT EXCEEDS	1,510		2,550			

e Estimated



02419890 (NWS 01-8038-N) TALLAPOOSA RIVER NEAR MONTGOMERY, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.00	6.08	13.71	8.10	8.33	10.62	28.18	14.53	12.17	5.81	5.98	7.81
2	6.03	8.14	13.32	4.80	8.65	9.89	32.87	14.13	13.00	---	6.78	7.65
3	3.89	8.34	13.26	5.27	12.38	6.23	32.37	11.15	13.14	---	7.62	7.18
4	3.73	11.95	13.07	7.56	13.62	5.58	27.85	9.93	11.00	---	8.22	4.93
5	4.83	11.75	11.49	7.77	11.33	4.97	22.27	9.53	7.18	---	8.07	4.70
6	5.13	10.23	11.09	7.30	9.72	4.69	20.03	9.86	5.49	8.03	7.20	4.60
7	3.63	8.06	12.27	7.55	9.97	4.59	20.77	8.81	9.65	18.62	5.28	6.67
8	3.54	5.08	12.30	7.34	9.91	5.95	21.73	5.97	8.91	23.70	5.54	6.50
9	3.51	7.89	11.78	4.77	9.24	9.10	20.06	5.53	9.52	22.47	9.80	7.27
10	3.51	9.22	13.27	5.21	12.07	7.31	18.74	6.42	11.85	17.87	9.87	6.60
11	3.54	9.74	10.67	7.74	13.41	7.17	15.99	6.95	12.30	19.48	10.46	4.34
12	5.55	10.18	9.17	9.35	12.46	9.22	13.12	7.11	9.64	20.87	10.10	4.49
13	5.75	9.59	9.78	9.53	9.45	6.62	12.03	7.80	6.37	19.41	10.94	7.42
14	5.39	7.51	8.82	10.34	10.14	5.02	11.40	7.88	8.03	18.77	11.53	7.16
15	5.74	5.29	8.96	10.65	10.44	4.72	9.93	7.05	8.42	20.43	13.08	7.13
16	5.76	7.28	9.71	9.41	9.31	6.36	7.51	6.76	8.58	20.00	11.83	7.21
17	3.62	7.19	9.35	6.34	8.43	9.04	6.76	7.52	8.05	16.65	14.35	6.75
18	4.43	7.77	7.35	7.93	7.10	9.56	6.46	7.53	7.35	14.24	13.06	4.25
19	5.05	8.29	5.86	7.94	5.18	7.54	7.43	7.54	4.64	14.30	12.57	4.96
20	7.17	6.52	6.77	6.76	4.93	5.74	6.43	7.29	4.42	11.25	10.86	6.16
21	8.51	4.11	8.50	7.24	4.89	5.78	6.60	7.91	5.31	9.60	8.85	5.97
22	7.60	7.32	8.79	6.19	5.17	8.33	7.43	4.68	5.06	---	6.12	6.01
23	7.22	12.65	11.23	4.52	5.40	10.75	7.66	4.81	4.97	11.09	8.71	5.87
24	5.86	15.01	13.25	5.25	5.49	12.82	7.77	7.25	5.04	9.94	9.87	5.81
25	7.19	17.43	13.25	6.47	8.98	13.00	8.62	6.07	4.11	8.07	10.12	4.11
26	7.31	17.61	11.74	5.92	8.62	12.33	9.07	5.73	4.03	8.93	9.77	4.14
27	7.20	17.01	10.41	6.55	---	17.43	11.81	4.21	4.03	8.70	9.18	5.23
28	7.26	16.54	8.90	8.06	7.77	25.63	11.19	4.10	4.21	8.18	8.85	5.31
29	7.16	15.61	8.17	7.06	---	29.36	10.53	4.07	5.21	8.30	9.08	5.63
30	7.82	14.78	8.08	6.76	---	25.06	10.14	6.19	5.62	7.87	9.22	5.90
31	6.60	---	9.51	6.77	---	22.46	---	8.19	---	5.21	8.52	---
MEAN	5.73	10.14	10.45	7.18	---	10.42	14.43	7.50	7.58	---	9.40	5.93
MAX	8.51	17.61	13.71	10.65	---	29.36	32.87	14.53	13.14	---	14.35	7.81
MIN	3.51	4.11	5.86	4.52	---	4.59	6.43	4.07	4.03	---	5.28	4.11

02419988 (NW 01-5550-06) ALABAMA RIVER AT MONTGOMERY, AL

LOCATION.--Lat 32°23'31", long 86°19'04", in SE ¼ NE ¼ SW ¼ sec. 1, T. 16 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on left bank of river in an abandoned pumping station of the Riverview Manufacturing at 715 Shady St., in Montgomery, 9.3 mi upstream from U.S. Highway 31 bridge, and at mile 296.9.

DRAINAGE AREA.--15,023 mi².

PERIOD OF RECORD.--December 1890 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. 1900 to December 1971 in reports of National Weather Service.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 103.30 ft above NGVD of 1929. Prior to July 1, 1970, located 0.4 mi downstream on left bank at foot of Commerce Street at same datum.

REMARKS.--Flow affected by operation of reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See reservoirs in Mobile River basin.) Stage regulated by Jones Bluff Lock and Dam since January 1972.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 58.1 ft, Feb. 26, 1961, from floodmarks; minimum gage height, -4.0 ft, Sept. 22, 1925.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 42.28 ft, Apr. 3; minimum gage height, 20.12 ft, Jan. 24, Aug. 31.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	22.06	28.19	22.74	22.90	25.69	34.50	25.52	23.86	22.04	22.42	21.24
2	21.99	21.75	26.32	21.91	22.85	25.11	41.16	24.36	24.13	21.88	22.32	21.49
3	21.79	22.97	26.33	22.29	23.81	23.77	42.11	23.92	23.72	21.62	22.00	21.49
4	21.35	24.69	26.02	22.40	24.09	23.38	39.88	23.14	23.85	21.79	22.61	21.79
5	21.31	24.92	25.75	22.18	23.09	22.75	35.53	22.27	22.26	22.44	22.56	21.50
6	22.49	24.55	25.31	21.86	22.53	21.59	32.60	22.08	21.56	23.23	21.79	20.78
7	21.79	24.01	25.87	22.71	23.23	22.77	31.58	22.61	21.27	26.28	21.37	21.41
8	21.32	23.23	27.32	22.64	22.86	24.61	30.59	21.71	22.73	27.41	21.52	22.38
9	21.56	22.93	27.71	21.72	23.63	25.17	29.52	21.48	23.62	28.01	22.73	22.38
10	21.67	23.30	27.86	21.66	24.53	24.44	28.77	22.54	24.13	27.82	22.70	21.65
11	21.59	23.78	27.26	22.64	24.34	23.19	27.06	22.35	24.62	28.59	22.94	22.15
12	22.32	24.19	25.70	22.96	23.41	23.17	25.72	22.30	23.44	28.36	22.97	22.03
13	21.90	24.25	25.83	23.26	22.17	22.30	25.29	22.25	21.15	28.05	22.56	22.24
14	21.99	23.53	25.57	24.09	23.55	22.22	24.43	22.36	21.46	28.33	22.93	21.71
15	22.15	21.95	24.93	23.70	24.41	22.73	23.47	22.52	21.63	29.52	23.16	21.54
16	22.11	22.04	24.75	22.74	23.96	23.32	22.71	22.06	22.50	29.57	22.59	21.33
17	22.12	22.49	24.76	22.73	23.24	22.99	22.15	22.04	22.54	28.03	22.69	20.73
18	21.66	21.91	24.76	22.94	23.12	23.13	22.04	21.82	22.18	26.42	23.29	21.35
19	22.09	21.50	24.39	23.01	22.44	22.43	22.30	22.31	21.81	24.94	23.16	22.27
20	22.57	21.25	24.16	22.50	22.34	22.52	22.57	22.39	21.13	24.10	22.22	21.98
21	22.05	22.36	23.78	22.44	22.93	22.42	22.51	22.31	21.38	23.66	21.02	21.93
22	22.20	23.45	23.95	22.24	23.18	23.21	22.76	22.13	21.61	23.24	21.67	22.18
23	21.48	26.19	25.21	20.77	24.16	24.93	22.71	22.03	21.90	22.89	22.10	21.51
24	21.35	29.14	25.59	20.89	24.90	25.78	22.24	22.57	22.20	23.27	22.35	21.28
25	22.49	31.86	25.22	22.50	24.91	25.96	22.36	22.39	22.15	22.90	22.54	21.81
26	22.18	32.83	24.26	22.36	25.22	25.79	22.85	22.09	21.27	23.13	22.24	22.43
27	21.90	32.50	23.64	22.41	25.57	---	23.73	21.85	22.15	22.25	21.92	21.54
28	21.84	32.26	22.69	22.87	25.61	---	23.73	21.48	21.78	21.74	21.51	21.88
29	21.91	31.03	22.64	22.40	---	32.44	23.42	21.93	21.33	22.23	22.46	22.33
30	22.19	29.78	22.92	22.16	---	32.33	23.93	22.52	22.05	22.37	21.58	22.29
31	22.14	---	23.05	22.33	---	31.49	---	22.56	---	21.93	20.48	---
MEAN	---	25.09	25.22	22.45	23.68	---	27.14	22.45	22.38	24.78	22.27	21.75
MAX	---	32.83	28.19	24.09	25.61	---	42.11	25.52	24.62	29.57	23.29	22.43
MIN	---	21.25	22.64	20.77	22.17	---	22.04	21.48	21.13	21.62	20.48	20.73

02420000 ALABAMA RIVER NEAR MONTGOMERY, AL

LOCATION.--Lat 32°24'41", long 86°24'30", in SW ¼ NW ¼ sec. 31, T. 17 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on pier near midstream of bridge on U.S. Highway 31, 4 mi upstream from Autauga Creek, 6 mi northwest of Montgomery, and at mile 287.6.

DRAINAGE AREA.--15,087 mi².

PERIOD OF RECORD.--January 1899 to December 1904, October 1999 to September 2001 (gage heights only). October 1927 to September 1990. October 1990 to September 2001 (flood hydrograph). October 2001 to Current Year. Published as "at Montgomery" 1899-1903.

REVISED RECORDS.--WSP 1142: 1929. WDR AL-80-1: 1978. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 97.90 ft above NGVD of 1929. January 1899 to December 1903, nonrecording gage at site 9.3 mi upstream at different datum (station 02419988). Auxiliary gage located 3.0 mi downstream on right bank for period Feb. 18, 1970 to Sept. 30, 1991. Mar. 27, 1951 to Feb. 17, 1970 National Weather Service nonrecording gage (station 02419988) used as auxiliary gage.

REMARKS.--Estimated daily discharges: Nov. 30, Feb. 27,28, Aug. 27,28, and Sep. 6. Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers. (See Reservoirs in Mobile River basin.) Since January 1972, gage in pool of Robert F. Henry Lock and Dam. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--Minimum discharge prior to 1972, 2,180 ft³/s, Nov. 24, 1941, since 1972 negative flows for part of many days; minimum gage height, -2.2 ft, Sept. 26, 1954.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage since 1833, 62.7 ft, Apr. 1, 1886, from floodmarks, discharge 322,000 ft³/s, from rating curve extended above 276,000 ft³/s. Flood of Mar. 30, 1888, reached a stage of 60.6 ft, from floodmarks, discharge, 283,000 ft³/s, from rating curve extended above 276,000 ft³/s. Elevations of floodmarks of both floods referred to National Weather Service gage 9.3 mi upstream and transferred to present site by gage height relation curve.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 153,000 ft³/s, Apr. 2; minimum discharge, -2,470 ft³/s, Oct. 4.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19,200	13,400	66,300	21,600	19,700	48,200	128,000	47,500	33,300	13,200	13,800	12,300
2	15,300	16,700	56,400	15,300	21,100	44,400	147,000	38,000	38,500	7,760	17,800	11,800
3	14,700	19,900	54,300	15,700	28,300	33,100	146,000	33,300	35,900	8,620	17,400	8,880
4	13,100	41,000	53,300	18,700	33,100	29,900	129,000	27,900	34,500	7,930	19,600	8,000
5	11,600	45,600	50,000	18,000	28,900	24,900	105,000	26,000	22,900	14,800	19,900	9,820
6	16,900	42,200	46,600	20,200	20,700	13,700	92,000	23,500	21,100	27,000	13,700	e11,800
7	15,500	39,300	51,300	18,500	25,800	17,700	82,200	21,900	20,500	56,300	9,230	10,200
8	9,180	34,400	60,900	16,700	24,600	39,200	75,400	17,000	22,800	62,900	13,400	14,000
9	13,400	31,900	62,800	16,200	28,600	44,600	69,400	14,000	30,600	66,400	18,400	14,900
10	8,610	34,200	64,400	15,900	37,000	39,200	67,600	16,000	36,500	64,700	22,200	11,600
11	13,000	34,800	59,800	19,600	36,600	31,800	57,800	17,100	40,400	70,000	23,500	6,500
12	13,400	37,500	51,000	23,000	29,600	28,400	48,400	14,900	30,000	66,400	25,300	9,480
13	11,900	36,900	50,000	26,600	17,700	19,700	45,600	15,100	20,100	65,400	24,700	13,500
14	12,200	34,100	47,900	34,200	30,300	22,500	38,400	13,300	19,500	68,100	28,800	11,700
15	15,300	17,600	43,800	29,900	39,500	22,400	30,800	14,300	19,300	75,300	26,500	10,000
16	14,200	17,600	42,900	21,200	34,800	28,500	26,100	15,600	19,500	71,600	23,900	9,130
17	8,140	20,900	40,800	19,200	29,800	27,700	21,100	17,700	22,100	63,400	26,600	8,720
18	9,140	26,000	41,200	23,700	31,600	27,300	21,100	17,200	13,900	52,600	28,300	7,330
19	7,920	25,500	38,400	23,400	20,500	24,000	18,800	16,400	9,160	42,300	25,800	6,710
20	26,200	16,100	35,500	19,000	16,200	15,300	20,600	17,400	9,450	35,800	22,900	10,900
21	21,700	12,600	32,600	21,700	23,600	21,700	22,400	18,000	8,580	32,900	14,600	7,330
22	22,300	30,300	36,000	13,600	30,400	29,500	23,100	11,300	9,220	32,700	13,000	9,120
23	12,900	57,000	43,300	10,200	36,900	43,600	19,300	11,700	10,400	33,100	13,700	10,400
24	10,700	75,600	47,000	13,400	43,100	49,300	15,500	14,600	9,860	27,400	18,800	6,210
25	17,200	91,500	43,800	15,100	43,700	50,700	18,500	14,900	7,520	24,800	19,100	4,570
26	22,000	94,600	38,200	16,700	44,700	49,600	22,800	11,700	8,300	26,300	17,500	15,400
27	16,400	92,300	33,100	19,300	e48,200	57,700	33,400	8,420	10,600	23,500	e16,200	7,340
28	15,200	90,300	26,800	22,900	e51,200	67,800	31,500	8,440	10,600	21,100	e20,600	8,310
29	15,200	82,200	24,600	20,800	---	80,200	30,700	10,100	9,380	24,300	23,800	7,870
30	15,000	e74,200	22,400	12,700	---	84,800	32,600	18,100	11,200	20,500	17,300	8,110
31	11,500	---	25,200	16,800	---	90,900	---	19,600	---	14,400	13,500	---
TOTAL	448,990	1,286,200	1,390,600	599,800	876,200	1,208,300	1,620,100	570,960	595,670	1,221,510	609,830	291,930
MEAN	14,480	42,870	44,860	19,350	31,290	38,980	54,000	18,420	19,860	39,400	19,670	9,731
MAX	26,200	94,600	66,300	34,200	51,200	90,900	147,000	47,500	40,400	75,300	28,800	15,400
MIN	7,920	12,600	22,400	10,200	16,200	13,700	15,500	8,420	7,520	7,760	9,230	4,570
CFSM	0.96	2.84	2.97	1.28	2.07	2.58	3.58	1.22	1.32	2.61	1.30	0.64
IN.	1.11	3.17	3.43	1.48	2.16	2.98	3.99	1.41	1.47	3.01	1.50	0.72

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

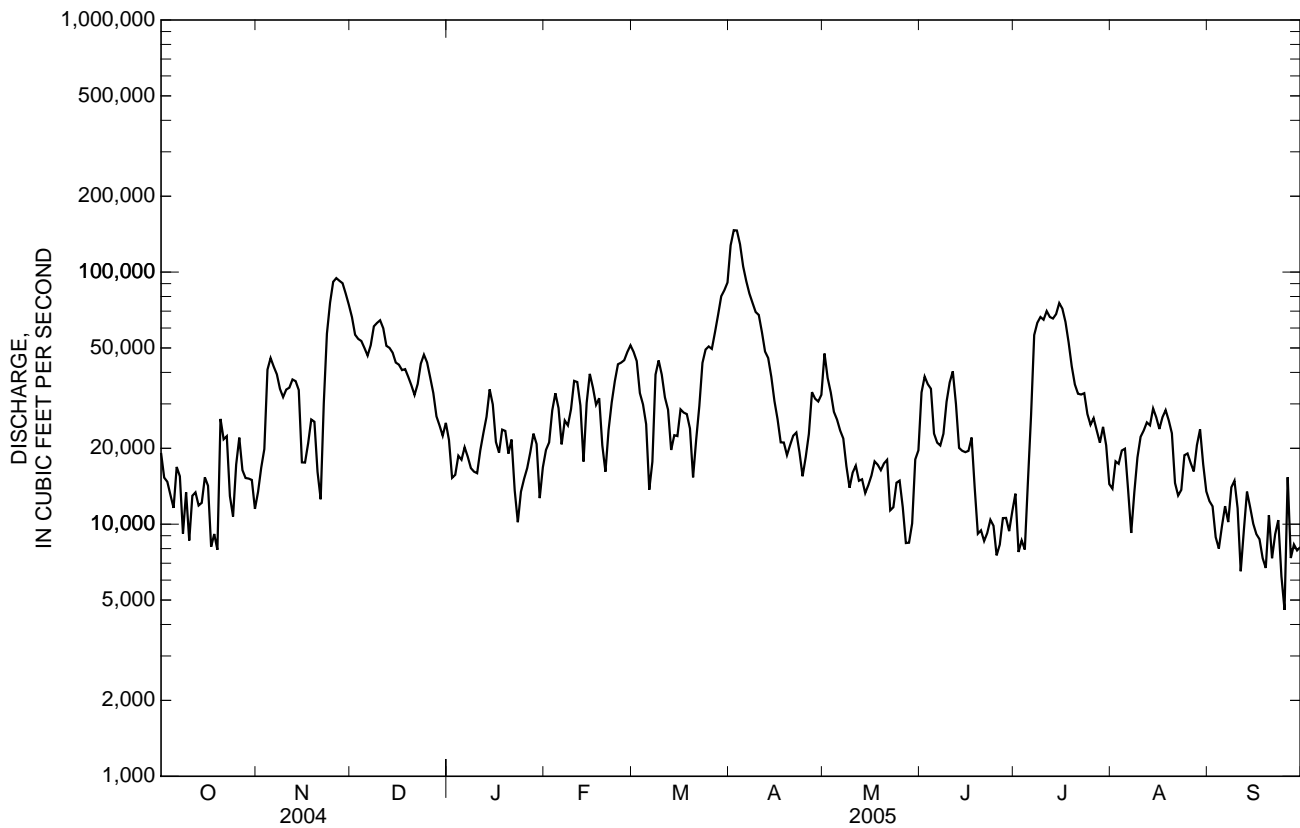
	MEAN	11,040	15,570	24,310	33,850	39,650	45,540	40,310	24,390	15,610	14,630	12,060	11,010
MAX	41,260	70,200	79,530	79,550	101,100	127,000	127,200	79,410	59,320	47,100	34,880	30,470	
(WY)	(1976)	(1930)	(1933)	(1936)	(1990)	(1929)	(1979)	(2003)	(1989)	(2003)	(1939)	(1975)	
MIN	3,965	5,447	6,518	5,848	11,400	10,580	6,317	4,681	4,513	4,116	4,210	4,113	
(WY)	(1987)	(1988)	(1955)	(1981)	(1934)	(1988)	(1986)	(1986)	(1986)	(1988)	(1988)	(1986)	

MOBILE RIVER MAIN STEM

02420000 ALABAMA RIVER NEAR MONTGOMERY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	7,994,650		10,720,090		23,920	
ANNUAL MEAN	21,840		29,370		38,390	
HIGHEST ANNUAL MEAN					9,215	
LOWEST ANNUAL MEAN					275,000	
HIGHEST DAILY MEAN	94,600	Nov 26	147,000	Apr 2	275,000	Feb 27, 1961
LOWEST DAILY MEAN	4,360	Mar 28	4,570	Sep 25	255	Jun 8, 1975
ANNUAL SEVEN-DAY MINIMUM	7,160	Mar 25	7,890	Sep 19	3,300	Jul 25, 1988
MAXIMUM PEAK FLOW			153,000	Apr 2	283,000	Feb 26, 1961
MAXIMUM PEAK STAGE			43.94	Apr 3	60.65	Feb 27, 1961
ANNUAL RUNOFF (CFSM)	1.45		1.95		1.59	
ANNUAL RUNOFF (INCHES)	19.71		26.43		21.54	
10 PERCENT EXCEEDS	47,300		58,600		54,100	
50 PERCENT EXCEEDS	15,200		22,300		15,000	
90 PERCENT EXCEEDS	7,540		9,940		6,700	

e Estimated



02420000 ALABAMA RIVER NEAR MONTGOMERY, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	26.47	27.38	31.45	27.89	28.13	29.91	39.92	29.79	28.75	27.38	27.81	26.60
2	27.38	27.05	30.17	27.17	28.08	29.43	43.13	28.97	28.76	27.31	27.50	26.83
3	27.03	28.28	30.32	27.57	28.87	28.51	43.74	28.74	28.45	27.06	27.22	26.96
4	26.65	29.38	30.04	27.64	28.92	28.29	41.61	28.08	28.60	27.27	27.90	27.18
5	26.73	29.32	29.90	27.41	27.97	27.71	37.40	27.22	27.39	27.82	27.64	26.81
6	27.79	29.13	29.61	27.04	27.79	26.95	35.06	27.23	26.69	28.35	26.97	---
7	27.05	28.67	30.06	28.01	28.32	28.10	34.56	27.79	26.49	30.40	26.78	26.92
8	26.76	28.01	31.05	27.93	27.94	29.26	33.79	26.92	27.94	31.01	26.96	27.71
9	26.94	27.80	31.32	26.95	28.80	29.55	32.89	26.85	28.63	31.40	28.19	27.70
10	27.13	28.09	31.41	27.07	29.21	28.99	32.15	27.90	28.90	31.26	27.78	26.97
11	26.96	28.58	30.90	27.89	29.04	28.05	30.82	27.63	29.23	31.97	28.15	27.61
12	27.73	28.94	29.77	28.13	28.27	28.30	29.96	27.63	28.22	31.78	28.04	27.43
13	27.29	28.97	29.97	28.38	27.49	27.54	29.63	27.57	26.31	31.55	27.55	27.56
14	27.37	28.30	29.77	28.88	28.58	27.34	29.02	27.79	26.68	31.86	28.09	27.08
15	27.44	27.15	29.27	28.57	28.98	27.92	28.32	27.91	26.87	32.95	28.17	26.92
16	27.52	27.31	29.21	27.84	28.69	28.26	27.68	27.36	27.77	32.63	27.58	26.68
17	27.53	27.67	29.26	27.99	28.25	27.93	27.26	27.30	27.71	31.46	27.92	26.21
18	27.07	26.91	29.31	28.05	28.30	28.14	27.20	27.08	27.54	30.32	28.32	26.86
19	27.53	26.52	28.98	28.14	27.58	27.49	27.61	27.64	27.24	29.32	28.24	27.72
20	27.67	26.54	28.89	27.72	27.69	27.87	27.77	27.69	26.54	28.83	27.07	27.35
21	27.21	27.71	28.58	27.66	28.07	27.66	27.64	27.59	26.80	28.47	26.35	27.41
22	27.37	28.45	28.61	27.53	28.05	28.13	27.94	27.51	27.03	28.04	27.02	27.59
23	26.86	30.29	29.70	26.10	28.90	29.45	27.94	27.41	27.33	27.62	27.49	26.87
24	26.76	32.44	29.84	26.28	29.39	30.02	27.52	27.93	27.63	28.32	27.62	26.78
25	27.81	34.77	29.57	27.80	29.34	30.13	27.65	27.69	27.60	28.01	27.82	27.33
26	27.32	35.29	28.78	27.65	29.62	29.97	28.08	27.47	26.72	28.20	27.50	27.71
27	27.17	34.84	28.40	27.65	---	31.96	28.54	27.33	27.57	27.29	---	27.00
28	27.13	34.66	27.64	28.01	---	34.15	28.66	26.92	27.12	26.92	---	27.32
29	27.21	33.74	27.70	27.55	---	35.93	28.32	27.35	26.79	27.45	27.59	27.78
30	27.52	32.77	28.09	27.54	---	35.19	28.89	27.81	27.50	27.54	26.64	27.72
31	27.51	---	28.10	27.64	---	35.34	---	27.79	---	27.22	25.86	---
MEAN	27.22	29.50	29.54	27.67	---	29.47	31.36	27.67	27.56	29.26	---	---
MAX	27.81	35.29	31.45	28.88	---	35.93	43.74	29.79	29.23	32.95	---	---
MIN	26.47	26.52	27.64	26.10	---	26.95	27.20	26.85	26.31	26.92	---	---

02421000 CATOMA CREEK NEAR MONTGOMERY, AL

LOCATION.--Lat 32°18'26", long 86°17'58", in SE ¼ NW ¼ sec. 6, T. 15 N., R. 18 E., Montgomery County, Hydrologic Unit 03150201, on right bank on downstream side of bridge on old U.S. Highway 331, 5 mi south of Montgomery, and at mile 16.1.

DRAINAGE AREA.--290 mi².

PERIOD OF RECORD.--June 1952 to September 1971, October 1971 to September 1974 (flood hydrograph only), October 1974 to current year.

REVISED RECORDS.--WSP 2106: 1966. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 151.02 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Feb. 27-28, May 4-6, 8-24, and Sept. 4-13. Records fair except for periods of very low flow and estimated discharges, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Nov. 28, 1948, reached a stage of 27.5 ft at present site and datum; discharge, 38,300 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	1400	*28,300	*27.14	Apr 3	0430	9,260	22.14

Minimum discharge, 2.0 ft³/s, Sept. 24, 25, gage height, 1.59 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	5.5	353	65	298	572	4,050	938	87	34	169	214
2	24	293	395	63	1,330	302	7,160	561	51	72	105	101
3	20	549	280	64	2,970	153	7,940	226	113	97	84	62
4	17	562	171	63	2,680	112	3,380	e140	68	100	71	e47
5	16	367	180	51	1,700	93	728	e100	46	78	64	e37
6	17	127	522	51	554	84	537	e80	42	428	57	e28
7	16	70	558	53	285	86	2,930	146	45	920	113	e21
8	15	42	444	133	210	444	3,630	e110	63	212	195	e17
9	13	33	443	166	1,620	367	3,110	e71	48	94	116	e14
10	12	25	596	117	2,960	156	1,120	e42	45	310	227	e11
11	9.6	65	471	95	2,310	95	329	e33	87	1,230	156	e9.0
12	9.7	307	267	79	1,010	74	435	e28	71	997	89	e7.7
13	8.7	392	164	277	332	71	681	e24	61	289	175	e6.2
14	7.4	146	119	1,350	370	70	478	e21	67	232	117	4.5
15	15	80	94	1,110	392	68	224	e19	40	547	161	3.9
16	8.5	50	79	606	306	285	153	e18	30	1,120	398	3.6
17	7.3	32	70	244	208	790	133	e16	22	1,080	674	3.3
18	6.2	24	64	153	151	542	126	e14	16	549	238	3.4
19	12	28	60	114	116	244	124	e13	12	185	112	3.9
20	44	27	54	99	96	139	123	e12	9.8	113	89	3.1
21	18	68	52	87	94	131	284	e11	8.5	101	82	2.7
22	15	221	96	78	89	206	462	e10	6.5	201	290	2.6
23	16	536	755	68	85	282	930	e9.1	5.5	307	543	4.5
24	130	1,160	645	58	96	326	705	e8.2	4.5	127	325	2.6
25	46	1,910	352	52	112	202	291	6.9	3.7	86	104	10
26	37	1,190	188	53	104	151	258	5.1	3.7	60	71	257
27	26	626	131	50	e147	7,910	310	3.9	16	46	61	81
28	18	651	106	53	e502	23,600	238	4.7	30	149	56	35
29	12	580	86	253	---	13,900	140	41	67	444	54	21
30	8.8	331	77	489	---	4,340	371	48	109	554	84	17
31	6.3	---	71	421	---	2,910	---	32	---	246	257	---
TOTAL	638.5	10,497.5	7,943	6,615	21,127	58,705	41,380	2,791.9	1,278.2	11,008	5,337	1,034.0
MEAN	20.6	350	256	213	755	1,894	1,379	90.1	42.6	355	172	34.5
MAX	130	1,910	755	1,350	2,970	23,600	7,940	938	113	1,230	674	257
MIN	6.2	5.5	52	50	85	68	123	3.9	3.7	34	54	2.6
CFSM	0.07	1.21	0.88	0.74	2.60	6.53	4.76	0.31	0.15	1.22	0.59	0.12
IN.	0.08	1.35	1.02	0.85	2.71	7.53	5.31	0.36	0.16	1.41	0.68	0.13

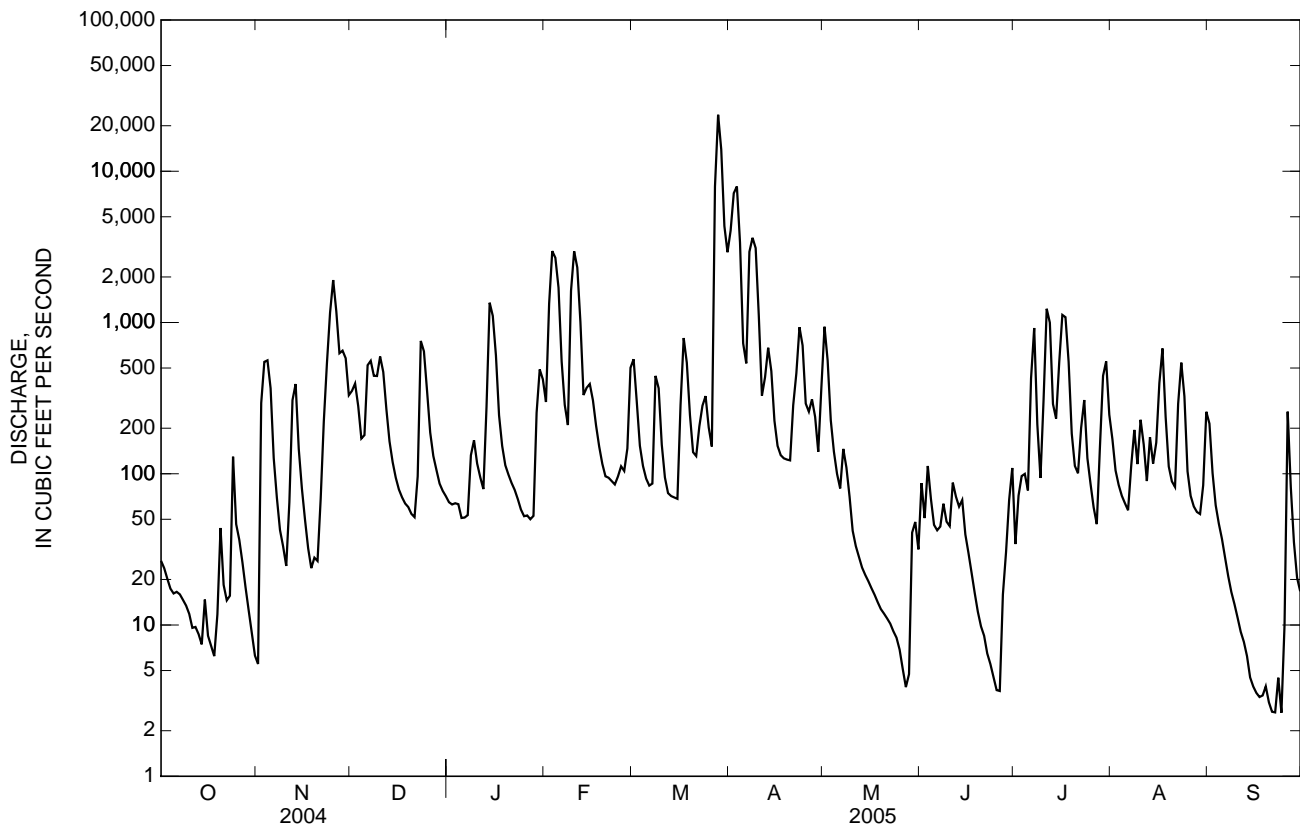
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	78.3	146	390	564	902	1,007	564	221	154	147	77.5	124
MAX	867	1,007	1,643	1,435	4,094	3,329	2,665	1,505	2,417	1,710	566	958
(WY)	(1976)	(1993)	(1954)	(1990)	(1961)	(2001)	(1964)	(1978)	(1989)	(1994)	(1984)	(1975)
MIN	0.00	0.00	0.33	0.95	90.1	31.3	19.4	6.95	5.93	2.02	0.11	0.00
(WY)	(1955)	(1955)	(1956)	(1956)	(2000)	(1955)	(1967)	(1965)	(1954)	(1952)	(1954)	(1954)

02421000 CATOMA CREEK NEAR MONTGOMERY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	97,605.24		168,355.1		362	
ANNUAL MEAN	267		461		778	
HIGHEST ANNUAL MEAN					82.5	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	9,030	Sep 18	23,600	Mar 28	39,500	Mar 17, 1990
LOWEST DAILY MEAN	0.33	Aug 8	2.6	Sep 22	0.00	Oct 21, 1952
ANNUAL SEVEN-DAY MINIMUM	0.89	Aug 3	3.2	Sep 16	0.00	Oct 21, 1952
MAXIMUM PEAK FLOW			28,300	Mar 28	49,100	Mar 17, 1990
MAXIMUM PEAK STAGE			27.14	Mar 28	29.78	Mar 17, 1990
ANNUAL RUNOFF (CFSM)	0.920		1.59		1.25	
ANNUAL RUNOFF (INCHES)	12.52		21.60		16.98	
10 PERCENT EXCEEDS	579		714		883	
50 PERCENT EXCEEDS	68		97		44	
90 PERCENT EXCEEDS	9.9		9.8		1.9	

e Estimated



LOCATION.--Lat 32°19'20", long 86°47'02", in NE $\frac{1}{4}$ sec. 32, T. 16 N., R. 13 E., Lowndes County, Hydrologic Unit 03150201, at downstream end of Robert F. Henry Lock and Dam, 2 mi upstream from Big Swamp Creek, 2.5 mi northeast of Benton, 5 mi downstream from Ivy Creek, and at mile 245.4.

PERIOD OF RECORD.--January 1972 to September 1997, October 2001 to current year (gage height only). October 1997 to September 2001 in files of U.S. Army Corps of Engineers. Prior to October 1983, published as Alabama River below Jones Bluff Lock and Dam, near Benton.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 126.02 ft, Apr. 3; minimum elevation, 78.17 ft, Sept. 7.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84.93	84.46	103.83	87.53	86.62	96.34	118.05	96.55	90.56	84.15	83.60	83.65
2	83.53	84.72	99.00	85.32	88.96	95.37	124.04	94.21	93.38	82.16	86.70	83.98
3	85.09	84.73	97.75	84.32	92.10	91.68	125.83	91.97	91.90	82.03	85.37	82.36
4	84.06	92.48	97.09	85.65	94.21	89.81	125.18	90.31	92.29	81.91	85.34	81.90
5	82.32	95.79	96.51	86.08	92.88	89.77	120.41	89.92	88.20	83.43	87.41	82.51
6	84.31	93.38	95.71	85.80	86.68	83.89	113.70	86.92	87.81	87.65	85.51	82.09
7	85.16	93.15	96.18	84.65	88.45	83.75	110.64	87.49	85.22	96.42	82.78	80.28
8	82.72	91.98	99.12	86.04	88.46	92.09	108.97	86.55	85.75	99.59	83.36	83.16
9	82.90	90.04	100.50	86.46	89.67	94.98	107.11	83.44	89.46	101.07	84.61	83.56
10	82.00	90.35	101.31	84.23	95.73	94.19	105.04	83.61	91.71	101.60	87.59	83.34
11	83.39	90.46	100.92	86.22	94.92	90.75	101.38	85.79	92.87	103.94	87.85	81.03
12	82.23	91.69	97.53	87.16	93.07	89.80	97.38	84.42	93.24	104.82	88.92	82.21
13	83.39	92.61	96.24	88.26	86.06	86.25	96.41	84.49	87.53	102.72	88.63	83.79
14	83.12	92.28	96.15	92.77	88.33	87.03	93.88	82.89	86.06	102.43	88.87	83.77
15	84.33	87.09	95.01	92.05	93.03	86.56	91.28	83.57	85.61	104.51	89.21	83.14
16	82.94	84.33	93.35	89.22	92.38	89.56	90.20	84.51	85.07	106.28	88.71	83.44
17	82.94	86.59	93.45	85.77	90.14	90.17	87.52	85.11	86.40	103.93	88.45	81.55
18	82.24	88.31	93.05	87.44	90.20	89.50	86.48	85.09	84.93	100.18	89.88	81.35
19	82.28	88.22	92.97	87.45	88.01	88.55	85.33	84.02	82.54	95.79	88.57	81.69
20	87.29	84.68	91.29	86.38	84.49	84.62	86.17	85.01	82.88	92.67	89.75	82.94
21	86.60	83.14	90.69	85.63	86.96	85.45	87.55	85.45	82.45	91.42	84.42	81.78
22	86.38	88.28	92.02	85.68	89.94	89.29	87.91	83.76	82.51	91.32	83.18	82.82
23	84.60	95.31	94.40	84.59	91.01	93.37	87.59	82.78	82.26	91.44	83.42	83.23
24	83.10	102.28	96.58	82.17	93.86	96.14	86.61	84.00	82.41	87.95	85.44	81.29
25	84.51	108.00	95.42	83.75	94.20	97.06	85.22	85.02	81.93	87.75	85.90	80.99
26	87.93	110.53	93.80	84.45	94.82	96.41	86.20	83.59	81.74	88.53	85.99	85.68
27	85.01	110.46	91.62	85.41	95.52	103.24	91.33	81.88	82.09	88.60	85.46	83.30
28	84.73	109.97	89.26	87.54	96.14	109.52	90.04	82.00	83.51	86.94	84.36	82.00
29	84.21	108.68	87.92	87.31	---	114.30	90.40	81.58	81.96	87.15	87.90	82.27
30	84.24	106.13	86.78	85.02	---	113.97	90.39	84.44	82.31	87.88	87.69	82.78
31	83.65	---	88.17	84.98	---	111.89	---	85.75	---	85.18	83.33	---
MEAN	84.07	93.67	94.96	86.30	90.96	93.72	98.61	85.68	86.22	93.27	86.39	82.60
MAX	87.93	110.53	103.83	92.77	96.14	114.30	125.83	96.55	93.38	106.28	89.88	85.68
MIN	82.00	83.14	86.78	82.17	84.49	83.75	85.22	81.58	81.74	81.91	82.78	80.28
WTR YR	2005	MEAN 89.69	MAX 125.83	MIN 80.28								

02422500 MULBERRY CREEK AT JONES, AL

LOCATION.--Lat 32°34'58", long 86°54'13", in NW ¼ SE ¼ sec. 31, T. 19 N., R. 12 E., Dallas County, Hydrologic Unit 03150201, on right bank 75 ft downstream from highway bridge, 0.4 mi west of Jones, 6 mi upstream from Buck Creek, and 11 mi upstream from mouth.

DRAINAGE AREA.--203 mi².

PERIOD OF RECORD.--October 1938 to September 1970, October 1970 to September 1974 (flood hydrograph only), October 1974 to current year. Prior to October 1959, published as Mulberry "River" at Jones.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 165.23 ft above NGVD of 1929. Prior to June 2, 1939, nonrecording gage at site 50 ft upstream at same datum.

REMARKS.--Estimated daily discharge: Apr. 27, 28. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum stage known, 33.6 ft in April 1938, from information by local residents, discharge, 48,000 ft³/s, from rating curve extended above 30,000 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	2130	5,680	10.78	Jul 11	1130	5,580	10.66
Apr 1	2100	*6,670	*12.02				

Minimum discharge, 83 ft³/s, Oct. 4, 5, 6, 7, 8, gage height, 0.91 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	86	103	433	221	278	660	5,220	1,190	1,890	122	259	221
2	85	150	348	216	732	485	2,990	542	940	113	245	175
3	86	579	288	210	956	426	1,130	396	452	119	228	156
4	85	873	266	207	608	390	829	334	310	126	212	144
5	84	451	258	206	442	362	686	296	246	115	191	139
6	83	231	387	220	368	331	633	274	215	336	185	131
7	84	179	619	237	328	342	1,040	254	543	1,700	206	125
8	84	152	766	292	328	1,290	715	235	396	418	209	123
9	88	134	861	273	1,080	718	573	220	241	265	233	120
10	98	123	898	225	944	531	486	208	198	519	543	119
11	110	212	528	219	570	452	431	199	237	4,510	731	114
12	120	580	393	214	458	395	671	189	807	1,400	525	112
13	116	377	341	354	408	365	526	177	442	767	398	109
14	106	234	300	839	717	443	401	170	272	712	398	108
15	102	185	271	410	673	376	362	209	216	2,230	290	106
16	99	163	260	304	497	659	325	181	180	1,320	229	105
17	96	153	255	265	416	645	302	163	157	1,420	350	114
18	95	145	248	241	352	463	287	168	146	735	320	119
19	98	147	241	232	323	389	273	159	134	514	294	108
20	120	173	226	232	317	362	260	155	129	486	229	100
21	122	226	221	231	417	349	251	182	124	431	194	97
22	112	539	242	225	368	593	372	162	120	353	238	95
23	110	325	686	208	348	1,780	312	146	115	306	707	95
24	272	1,350	405	197	1,010	881	251	141	111	266	292	97
25	224	943	303	201	661	652	226	130	104	240	221	103
26	141	476	272	202	466	550	553	120	104	225	197	919
27	120	425	248	187	489	1,050	e620	119	108	280	176	500
28	114	573	236	197	1,090	827	e307	115	131	294	162	233
29	108	370	230	579	---	596	258	132	210	279	174	180
30	104	311	227	455	---	516	1,530	372	149	324	260	156
31	104	---	223	307	---	3,360	---	710	---	299	271	---
TOTAL	3,456	10,882	11,480	8,606	15,644	21,238	22,820	8,048	9,427	21,224	9,167	5,023
MEAN	111	363	370	278	559	685	761	260	314	685	296	167
MAX	272	1,350	898	839	1,090	3,360	5,220	1,190	1,890	4,510	731	919
MIN	83	103	221	187	278	331	226	115	104	113	162	95
CFSM	0.55	1.79	1.82	1.37	2.75	3.37	3.75	1.28	1.55	3.37	1.46	0.82
IN.	0.63	1.99	2.10	1.58	2.87	3.89	4.18	1.47	1.73	3.89	1.68	0.92

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

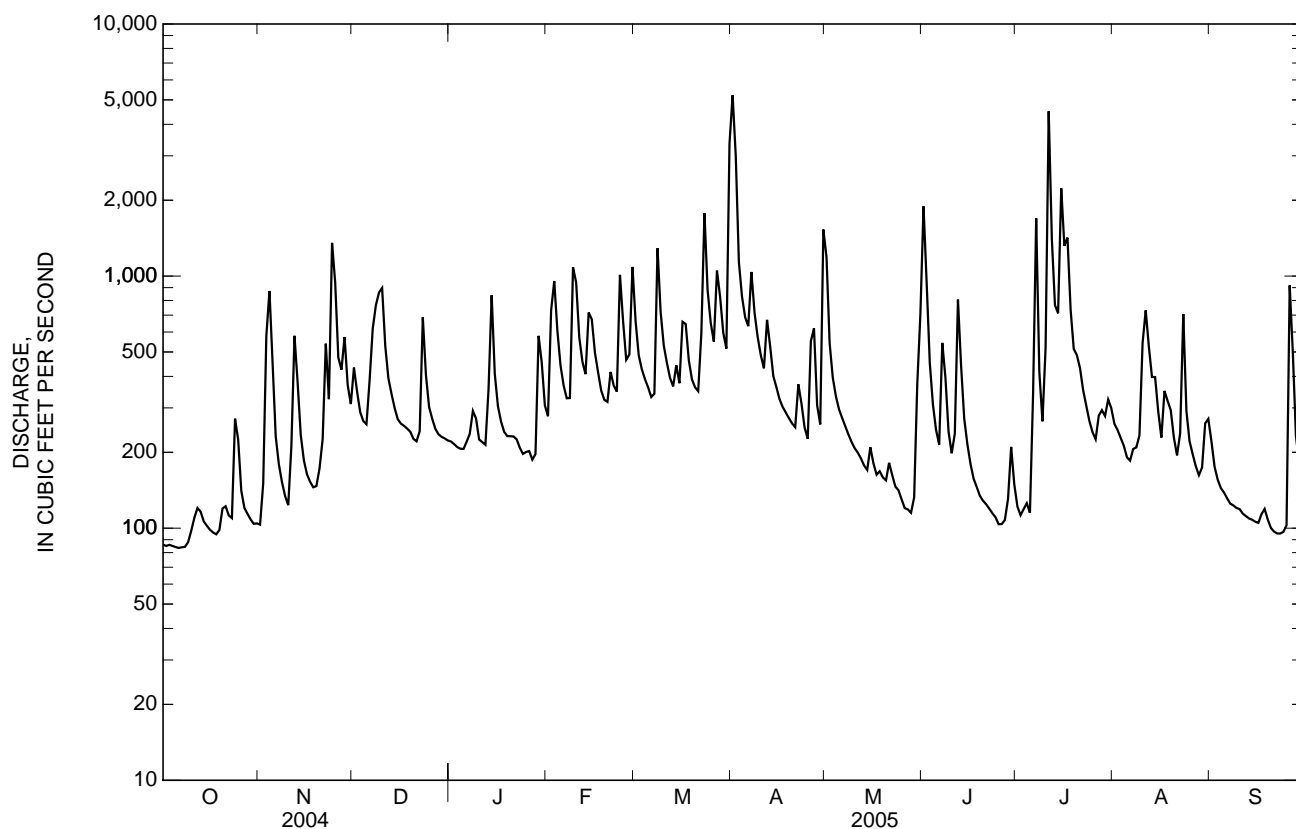
MEAN	105	179	296	411	539	650	553	283	200	199	174	115
MAX	434	913	1,554	1,180	1,407	1,389	2,070	1,014	888	824	2,430	263
(WY)	(1976)	(1949)	(1962)	(1947)	(1961)	(1990)	(1979)	(1991)	(2003)	(2003)	(1939)	(1946)
MIN	36.9	75.0	92.7	111	168	137	87.2	70.2	50.2	38.7	41.2	32.3
(WY)	(2001)	(1979)	(1939)	(1981)	(1986)	(1986)	(1986)	(1999)	(1988)	(2000)	(2000)	(1954)

MOBILE RIVER BASIN

02422500 MULBERRY CREEK AT JONES, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	87,725		147,015		307	
ANNUAL MEAN	240		403		546	
HIGHEST ANNUAL MEAN					105	
LOWEST ANNUAL MEAN					1975	
HIGHEST DAILY MEAN	1,930	Sep 17	5,220	Apr 1	27,100	Aug 16, 1939
LOWEST DAILY MEAN	66	Aug 8	83	Oct 6	26	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	69	Aug 3	84	Oct 2	28	Aug 26, 2000
MAXIMUM PEAK FLOW			6,670	Apr 1	32,800	Aug 16, 1939
MAXIMUM PEAK STAGE			12.02	Apr 1	30.38	Aug 16, 1939
ANNUAL RUNOFF (CFSM)	1.18		1.98		1.51	
ANNUAL RUNOFF (INCHES)	16.08		26.94		20.58	
10 PERCENT EXCEEDS	448		747		601	
50 PERCENT EXCEEDS	164		260		164	
90 PERCENT EXCEEDS	84		111		72	

e Estimated



02423000 ALABAMA RIVER AT SELMA, AL

LOCATION.--Lat 32°24'20", long 87°01'07", in SE ¼ NW ¼ sec. 36, T. 17 N., R. 10 E., Dallas County, Hydrologic Unit 03150201, at first pier from right bank of Edmund Pettus Bridge on U.S. Highway 80, in Selma, 1 mi upstream from Valley Creek, and at mile 214.8.

DRAINAGE AREA.--17,095 mi².

PERIOD OF RECORD.--January to December 1899 (gage heights only), January 1900 to December 1913, and June 1928 to September 1970, October 1971 to current year (gage heights only). Gage-height records December 1890 to December 1971 are contained in reports of National Weather Service.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 61.80 ft above NGVD of 1929. Prior to June 22, 1928, nonrecording gage, June 22, 1928 to Apr. 11, 1938, water-stage recorder, and Apr. 12, 1938 to May 22, 1940, nonrecording gage at site 300 ft upstream at same datum.

REMARKS.--Records good. Flow affected by operation of reservoirs on Etowah, Coosa, Tallapoosa, and Alabama Rivers. (See Reservoirs in Mobile River basin.) Stage affected by Millers Ferry Lock and Dam since November 1968.

AVERAGE DISCHARGE.--55 years (water years 1901-13, 1929-70), 26,170 ft³/s, 20.78 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 284,000 ft³/s, Mar. 1, 1961, gage height, 57.97 ft; minimum discharge observed, 2,660 ft³/s, Nov. 1, 1904, gage height, -2.20 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Apr. 8, 1886, reached a stage of 57.0 ft (discharge, 248,000 ft³/s), present site and datum, from floodmarks established by U.S. Army Corps of Engineers.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 48.97 ft, Apr. 3, 4; minimum gage height, 16.42 ft, Sept. 6.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.03	19.60	31.64	21.08	20.64	25.89	42.11	25.75	22.45	19.05	19.21	19.46
2	19.55	19.86	28.32	20.18	21.87	25.38	46.75	25.12	24.35	18.39	19.93	19.53
3	19.65	19.99	26.40	19.40	23.52	23.44	48.62	23.21	23.62	18.69	20.02	19.00
4	19.06	22.91	26.28	19.89	24.76	22.04	48.79	22.24	23.47	19.07	19.91	18.06
5	18.85	25.04	25.65	20.07	23.89	21.84	47.02	21.80	21.59	18.90	20.76	17.86
6	19.12	23.64	25.10	20.29	21.21	20.11	46.32	20.81	20.80	20.42	20.00	17.44
7	19.76	23.55	25.30	19.85	21.03	19.20	40.81	20.68	20.22	24.84	19.12	17.20
8	19.35	22.89	27.33	20.55	21.68	22.71	36.39	20.52	20.13	27.75	19.21	17.79
9	19.11	21.66	28.69	20.67	22.12	24.97	34.79	19.48	21.50	28.79	19.45	17.97
10	18.84	21.82	29.61	19.95	25.94	25.01	33.02	19.05	22.59	29.05	20.94	18.72
11	18.93	22.00	29.46	20.30	25.14	23.14	30.30	20.24	23.31	32.19	20.91	17.92
12	18.04	22.64	27.27	20.58	24.24	21.92	27.06	19.62	24.56	33.66	21.31	18.51
13	18.55	23.14	25.59	21.05	20.90	20.68	25.99	19.55	21.98	32.19	21.39	19.03
14	18.77	23.35	---	23.50	20.83	20.81	24.68	18.95	20.61	31.45	21.21	19.27
15	18.71	20.95	---	23.46	23.87	20.44	23.01	18.86	20.44	32.20	21.61	19.35
16	19.10	19.86	---	22.10	23.68	21.92	21.94	19.37	19.60	33.88	21.17	19.48
17	19.37	20.20	---	20.19	22.58	22.42	20.66	19.60	20.09	32.57	20.92	18.72
18	19.30	21.02	23.40	20.73	22.10	21.87	20.50	19.75	20.02	29.84	21.68	18.86
19	19.06	21.04	23.45	21.04	21.82	21.79	20.13	19.42	18.80	26.20	21.23	18.55
20	20.49	19.95	22.58	20.34	19.71	19.67	20.38	19.82	19.25	23.54	21.58	18.92
21	20.54	19.33	22.35	20.01	20.81	19.64	20.91	19.90	19.15	22.57	19.75	18.87
22	20.22	20.87	22.88	20.19	21.95	21.30	21.15	19.52	19.09	22.68	18.39	18.97
23	20.03	23.97	24.29	19.72	22.46	23.85	21.17	19.39	18.89	22.66	18.69	19.35
24	19.55	29.00	25.89	19.05	24.01	25.72	20.67	19.68	18.69	20.99	19.41	18.93
25	19.80	33.78	25.13	18.39	24.77	26.37	20.06	19.85	18.44	20.99	19.98	18.94
26	20.86	36.41	24.29	19.06	24.94	25.91	20.25	18.97	18.37	21.13	20.16	20.18
27	19.73	36.97	22.80	19.91	25.05	30.11	22.36	18.44	18.15	21.49	19.94	19.82
28	19.54	36.85	21.86	20.48	25.91	35.26	22.03	18.17	18.64	20.64	19.52	19.14
29	19.44	35.96	20.93	20.96	---	38.88	22.18	17.86	18.94	20.77	20.12	19.24
30	19.57	33.79	20.68	20.20	---	39.60	22.08	18.61	18.81	21.04	20.86	19.42
31	19.45	---	21.27	20.12	---	38.24	---	20.03	---	20.24	19.54	---
MEAN	19.40	24.73	---	20.43	22.91	24.84	29.07	20.14	20.55	24.77	20.26	18.82
MAX	20.86	36.97	---	23.50	25.94	39.60	48.79	25.75	24.56	33.88	21.68	20.18
MIN	18.04	19.33	---	18.39	19.71	19.20	20.06	17.86	18.15	18.39	18.39	17.20

02423130 CAHABA RIVER AT TRUSSVILLE, AL

LOCATION.--Lat 33°37'20", long 86°35'58", in SW ¼ sec. 24, T. 16 S., R. 1 W., Jefferson County, Hydrologic Unit 03150202, near left bank on downstream side of U.S. Highway 11 bridge, 0.5 mi east of Trussville, 8.6 mi upstream from Big Black Creek, and at mile 182.3.

DRAINAGE AREA.--19.7 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1988 to current year.

REVISED RECORDS.--WDR AL-92-1: 1989-91 (P). WDR AL-01-1: 1990, 1993-94, 1996-2000 (P).

GAGE.--Water-stage recorder. Datum of gage is 673.30 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Nov. 22, 23, 25, 27, 28, 30; Feb. 27, 28. Water-discharge records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1745	2,890	8.99	Apr 30	0815	1,000	5.08
Nov 24	0900	*3,380	*10.10	Jul 14	1830	2,950	9.12
Mar 31	0830	1,510	6.29				

Minimum discharge, 0.17 ft³/s, Sept. 30, gage height, 1.10 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.7	10	186	20	15	74	495	119	164	4.3	26	13
2	5.4	12	113	19	29	35	338	58	44	4.4	10	3.4
3	4.9	121	80	17	33	27	181	28	29	3.6	8.4	2.4
4	3.9	316	61	17	31	23	111	21	17	4.3	7.6	2.1
5	3.2	140	58	17	27	19	83	17	14	6.5	7.1	1.9
6	2.6	81	80	18	25	30	104	15	12	50	28	1.7
7	2.4	55	329	17	45	110	184	13	13	46	19	1.6
8	2.7	39	216	30	58	170	124	12	13	11	11	1.4
9	3.3	28	302	20	65	89	91	11	11	90	9.6	1.3
10	3.8	23	274	19	65	55	72	9.5	13	216	7.7	1.1
11	3.6	271	159	18	58	36	62	8.9	16	526	6.6	0.83
12	3.8	331	87	17	49	28	58	8.4	74	170	5.8	1.2
13	4.2	170	69	84	28	26	35	7.9	37	207	13	1.1
14	3.6	79	51	92	97	64	24	7.3	26	620	6.2	0.49
15	3.2	42	42	56	46	45	21	11	34	315	5.9	0.36
16	2.7	26	36	42	30	55	18	7.9	10	156	4.3	0.30
17	2.4	20	32	33	21	48	17	7.0	8.0	86	4.2	1.0
18	2.6	15	29	28	16	36	15	6.8	6.4	122	3.9	0.62
19	244	15	27	26	14	19	14	6.7	5.0	167	3.6	0.35
20	120	13	23	24	34	17	13	8.1	4.6	141	3.3	0.27
21	45	375	22	22	54	15	12	8.2	4.9	61	3.0	0.28
22	27	e1,080	32	21	41	220	19	6.8	4.4	37	2.8	0.30
23	28	e1,660	139	18	39	208	14	6.4	4.2	25	9.4	0.32
24	84	1,690	67	16	55	100	12	6.2	3.7	19	4.9	0.32
25	39	e605	50	16	34	68	11	5.5	3.6	16	3.4	0.35
26	27	221	41	15	25	53	34	5.0	3.2	13	3.0	53
27	22	e189	32	14	e44	94	18	4.4	3.4	11	2.7	2.0
28	17	e162	28	13	e74	102	13	4.3	70	10	2.5	0.44
29	15	126	25	19	---	59	12	57	8.5	43	4.8	0.23
30	13	e156	23	17	---	49	353	15	5.3	13	8.2	0.20
31	11	---	21	16	---	679	---	15	---	11	6.8	---
TOTAL	756.0	8,071	2,734	801	1,152	2,653	2,558	517.3	662.2	3,205.1	242.7	93.86
MEAN	24.4	269	88.2	25.8	41.1	85.6	85.3	16.7	22.1	103	7.83	3.13
MAX	244	1,690	329	92	97	679	495	119	164	620	28	53
MIN	2.4	10	21	13	14	15	11	4.3	3.2	3.6	2.5	0.20
CFSM	1.24	13.7	4.48	1.31	2.09	4.34	4.33	0.85	1.12	5.25	0.40	0.16
IN.	1.43	15.24	5.16	1.51	2.18	5.01	4.83	0.98	1.25	6.05	0.46	0.18

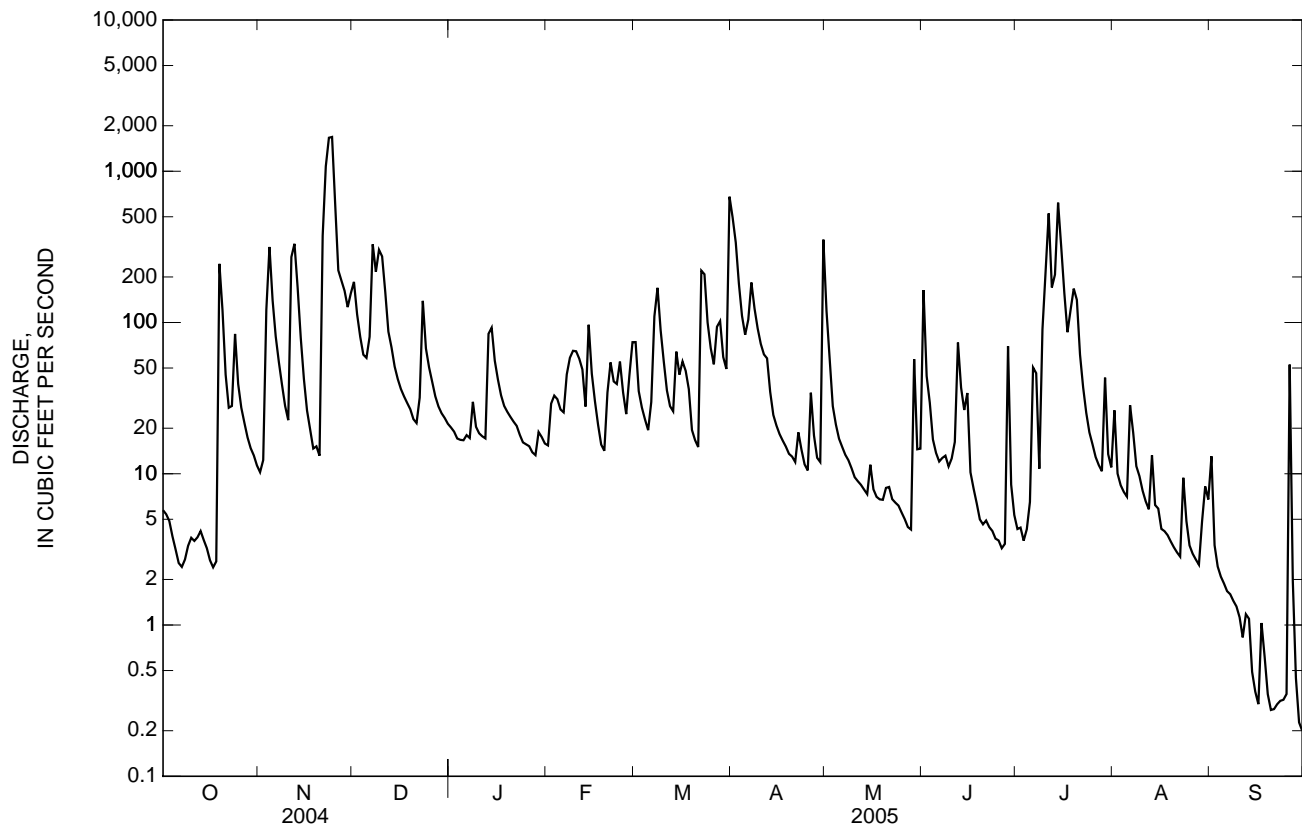
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

MEAN	14.4	38.2	31.3	56.0	54.4	73.0	43.9	31.3	30.2	26.9	8.76	18.7
MAX	111	269	90.4	130	177	154	121	247	116	103	26.5	112
(WY)	(1996)	(2005)	(2003)	(1996)	(1990)	(1996)	(2000)	(2003)	(1997)	(2005)	(1992)	(2001)
MIN	0.12	2.32	5.42	20.3	14.2	19.4	12.4	4.23	3.15	0.08	0.52	0.38
(WY)	(1999)	(2000)	(2000)	(1991)	(2000)	(1992)	(1992)	(1992)	(1998)	(2000)	(1999)	(1999)

02423130 CAHABA RIVER AT TRUSSVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1989 - 2005	
ANNUAL TOTAL	23,800.12		23,446.16		35.5	
ANNUAL MEAN	65.0		64.2		64.2	
HIGHEST ANNUAL MEAN					14.7	
LOWEST ANNUAL MEAN					2,160	
HIGHEST DAILY MEAN	1,780	Sep 16	1,690	Nov 24	May 7, 2003	2005
LOWEST DAILY MEAN	0.37	Sep 1	0.20	Sep 30	Sep 9, 1990	
ANNUAL SEVEN-DAY MINIMUM	1.1	Aug 27	0.31	Sep 19	Sep 4, 1995	
MAXIMUM PEAK FLOW			3,380	Nov 24	May 7, 2003	
MAXIMUM PEAK STAGE			10.10	Nov 24	May 7, 2003	
ANNUAL RUNOFF (CFSM)	3.30		3.26		1.80	
ANNUAL RUNOFF (INCHES)	44.94		44.27		24.47	
10 PERCENT EXCEEDS	139		157		71	
50 PERCENT EXCEEDS	18		19		12	
90 PERCENT EXCEEDS	2.8		2.9		0.96	

e Estimated



02423130 CAHABA RIVER AT TRUSSVILLE, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1988 to current year.

WATER TEMPERATURE: October 1988 to current year.

DISSOLVED OXYGEN: October 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1988.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 522 μ S/cm, Aug. 19, 2000; minimum, 26 μ S/cm, Jan. 30, 1999.

WATER TEMPERATURE: Maximum, 33.8°C, Aug. 10, 2000; minimum, 0.8°C, Feb. 16, 1991.

DISSOLVED OXYGEN: Maximum, 15.7 mg/L, Jan. 1, 2001; minimum, 1.2 mg/L on Sept. 21, 2003.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 423 μ S/cm, Sept. 25; minimum, 45 μ S/cm, July 14.

WATER TEMPERATURE: Maximum, 29.1°C, Aug. 20, 21; minimum, 4.5°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 14.5 mg/L, Jan. 25; minimum, 1.9 mg/L, Sept. 25.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	212	208	210	188	186	187	120	99	114	167	160	162
2	213	208	211	188	181	185	127	120	122	167	162	166
3	215	211	213	186	93	148	135	127	131	170	166	169
4	224	214	217	105	98	102	145	135	140	170	166	170
5	223	218	221	113	104	108	168	134	146	172	170	171
6	226	222	224	122	113	118	147	133	138	173	164	170
7	229	224	227	130	122	126	142	64	99	175	164	168
8	229	221	224	139	129	134	108	89	99	175	145	153
9	226	219	222	147	139	143	112	77	97	168	157	164
10	223	217	221	156	147	152	102	88	96	180	168	174
11	222	217	219	155	76	112	123	102	109	182	175	179
12	222	216	220	106	94	98	139	123	128	178	174	176
13	224	215	219	112	100	104	139	121	130	177	106	150
14	219	210	215	123	112	117	149	139	144	131	125	128
15	218	214	216	137	123	129	156	149	153	134	128	130
16	222	216	219	156	131	137	161	156	158	136	130	134
17	223	217	220	156	139	144	164	161	162	140	135	138
18	225	217	221	154	147	151	168	164	166	154	140	145
19	224	79	158	166	152	157	169	167	169	150	146	148
20	142	113	134	167	150	157	175	169	172	152	147	149
21	152	141	147	162	63	115	176	175	176	156	149	151
22	162	152	156	91	53	69	186	131	171	159	153	156
23	169	144	164	---	---	---	131	100	115	165	156	160
24	144	113	132	---	---	---	126	120	122	164	160	162
25	152	142	148	99	80	89	131	126	128	175	161	165
26	160	152	156	113	99	107	137	131	134	180	164	168
27	166	160	162	118	85	111	144	137	141	173	166	168
28	174	166	171	119	106	110	149	144	147	176	173	175
29	179	174	176	124	114	119	153	149	151	180	152	163
30	182	178	180	138	101	127	156	153	155	160	156	158
31	186	182	184	---	---	---	160	154	157	168	160	163
MONTH	229	79	194	188	53	127	186	64	138	182	106	159

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	166	165	166	114	97	103	86	60	78	97	78	87
2	175	140	152	135	107	124	93	74	84	122	97	106
3	152	140	144	143	135	138	106	93	100	136	122	129
4	143	139	141	149	141	146	115	106	110	146	136	142
5	144	135	142	154	149	152	119	115	116	152	146	150
6	145	129	143	154	134	139	140	77	116	158	152	155
7	129	121	125	139	74	123	134	77	103	164	155	160
8	125	112	117	102	88	99	111	92	108	168	164	167
9	130	110	114	110	102	106	116	111	113	172	168	170
10	110	106	108	127	109	118	121	116	118	174	169	171
11	112	107	109	135	127	131	122	119	121	176	169	173
12	124	109	112	144	135	139	126	120	122	182	176	179
13	146	124	137	148	140	145	153	123	139	188	182	185
14	141	104	115	145	104	121	158	152	155	192	188	190
15	124	118	121	130	115	124	163	158	161	201	158	176
16	136	124	129	119	113	115	168	163	166	186	170	179
17	144	136	141	117	115	116	171	168	170	192	186	189
18	151	144	148	128	106	120	173	171	172	195	191	192
19	156	147	154	143	128	137	175	171	173	198	194	195
20	147	130	133	147	143	145	178	175	177	211	178	195
21	133	115	118	155	146	151	195	174	179	211	170	180
22	124	114	116	158	59	114	182	144	167	196	187	190
23	138	103	129	94	81	87	179	155	172	200	195	197
24	124	105	119	106	94	98	185	179	183	219	198	201
25	130	122	127	110	104	107	189	185	187	207	198	202
26	143	130	138	114	110	112	191	107	156	207	200	204
27	147	143	146	123	94	107	172	136	160	209	200	204
28	117	97	110	113	94	106	184	168	177	209	200	205
29	---	---	---	124	112	116	189	184	187	210	74	143
30	---	---	---	130	119	126	187	57	98	176	144	166
31	---	---	---	125	58	72	---	---	---	184	153	177
MONTH	175	97	130	158	58	121	195	57	142	219	74	173
	JUNE			JULY			AUGUST			SEPTEMBER		
1	159	94	131	212	203	206	201	98	177	200	172	183
2	161	140	156	212	199	206	192	148	175	225	200	212
3	172	147	163	213	204	208	199	191	195	235	225	229
4	181	172	176	214	174	204	205	198	201	240	230	236
5	187	181	184	214	150	195	207	198	203	244	234	239
6	189	180	185	200	87	173	208	64	184	247	241	244
7	192	178	188	177	87	149	166	72	138	253	245	248
8	179	169	174	192	177	187	189	147	173	255	248	251
9	185	179	182	196	68	173	231	177	197	254	249	252
10	199	155	184	133	90	121	221	195	209	262	253	256
11	191	173	181	105	77	90	213	194	204	276	261	266
12	176	137	148	130	88	115	217	212	214	277	247	263
13	157	148	151	125	75	111	218	131	202	278	248	265
14	164	145	160	118	45	97	212	131	182	313	264	286
15	167	137	150	121	90	110	263	212	227	309	280	294
16	183	161	175	149	121	132	261	218	227	357	309	346
17	191	183	187	150	139	144	231	217	224	383	240	334
18	205	190	192	158	82	140	232	221	227	282	240	260
19	200	194	196	136	60	113	231	221	227	319	282	302
20	202	195	198	127	84	109	236	225	231	355	319	346
21	204	198	200	163	122	134	239	229	235	383	351	373
22	202	194	199	158	132	146	241	226	236	403	380	397
23	206	197	201	166	156	160	241	138	222	417	396	408
24	208	200	204	181	166	170	204	138	179	420	397	408
25	216	201	207	179	172	175	225	204	214	423	382	415
26	216	205	211	185	179	181	231	220	226	391	84	154
27	215	205	211	188	182	185	237	226	231	206	168	189
28	212	67	160	191	184	188	240	230	236	224	206	214
29	191	136	171	190	93	164	243	185	233	233	224	229
30	205	191	198	195	139	179	213	173	189	241	233	239
31	---	---	---	199	193	196	213	198	206	---	---	---
MONTH	216	67	181	214	45	157	263	64	207	423	84	278
YEAR	423	45	168									

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.5	17.1	19.2	21.8	18.8	20.2	14.7	11.9	13.1	12.9	10.5	11.8
2	21.9	18.3	20.1	20.8	20.0	20.3	12.7	10.8	11.7	14.1	12.0	12.9
3	23.0	19.4	20.8	20.8	19.9	20.2	12.4	10.3	11.4	14.0	11.6	12.8
4	21.9	17.3	19.5	20.4	17.4	19.0	12.6	10.4	11.5	14.1	11.9	13.1
5	21.1	17.6	19.3	17.4	15.5	16.7	12.5	10.7	11.6	13.1	11.7	12.6
6	21.8	17.5	19.7	16.2	13.9	15.2	13.9	12.3	13.1	14.0	12.7	13.4
7	20.6	18.9	19.8	16.6	13.8	15.3	15.8	13.9	15.0	13.9	12.1	12.8
8	19.8	18.1	19.1	16.2	14.5	15.4	14.7	12.9	13.8	14.5	12.0	13.8
9	19.3	18.4	18.9	15.4	13.4	14.5	15.5	13.6	14.7	12.4	10.2	11.4
10	19.5	18.6	19.1	14.8	12.8	14.0	14.9	13.1	14.3	13.2	10.7	12.0
11	20.4	18.9	19.6	15.4	13.4	14.2	13.1	12.0	12.5	14.9	12.3	13.6
12	22.3	19.8	20.9	16.6	15.4	16.0	13.1	11.6	12.2	14.8	13.9	14.3
13	20.8	17.5	18.9	15.9	15.1	15.5	12.4	10.5	11.7	14.8	13.1	14.1
14	18.4	16.4	17.4	15.1	13.6	14.5	10.5	8.7	9.5	13.1	10.5	12.0
15	17.3	14.1	15.7	14.4	12.4	13.4	9.7	7.6	8.7	11.4	9.5	10.5
16	17.0	13.3	15.2	14.0	11.9	13.1	9.6	7.3	8.6	10.5	8.1	9.5
17	17.9	14.2	16.2	15.0	12.4	13.8	10.8	8.9	9.7	8.1	6.3	7.2
18	19.2	15.9	17.6	14.7	13.3	14.1	10.3	8.1	9.3	7.9	5.5	6.7
19	18.9	18.0	18.5	14.7	13.9	14.3	9.6	6.8	8.8	7.5	5.8	6.6
20	19.0	17.9	18.4	16.0	14.7	15.4	7.3	5.6	6.6	9.3	6.1	7.8
21	19.7	18.7	19.1	15.5	15.0	15.3	9.8	6.5	8.2	11.5	8.4	9.9
22	20.4	18.8	19.4	16.0	15.4	15.7	11.4	9.2	10.1	11.8	8.1	10.3
23	19.6	18.2	18.9	---	---	---	11.3	7.0	8.7	8.1	5.5	6.6
24	20.2	18.3	19.2	17.3	16.6	16.8	7.3	6.2	6.8	7.4	4.5	6.1
25	20.0	17.7	18.9	15.0	13.2	14.4	7.2	5.7	6.6	9.3	5.9	7.7
26	20.2	17.9	19.2	14.2	12.4	13.2	8.2	6.2	7.2	12.0	8.3	10.2
27	20.6	18.5	19.5	12.7	11.3	12.1	8.2	6.0	7.1	10.5	8.4	9.6
28	21.6	19.1	20.2	13.9	12.5	13.2	8.6	6.1	7.4	9.3	7.4	8.5
29	21.9	19.6	20.7	14.1	12.1	13.1	9.5	6.6	8.1	7.4	6.9	7.1
30	20.5	19.2	19.9	14.7	13.1	13.7	10.7	8.3	9.5	8.6	7.2	7.9
31	21.4	18.8	19.9	---	---	---	11.8	9.4	10.7	9.4	7.8	8.6
MONTH	23.0	13.3	19.0	21.8	11.3	15.3	15.8	5.6	10.3	14.9	4.5	10.4
FEBRUARY			MARCH			APRIL			MAY			
1	9.8	8.9	9.3	11.1	8.8	9.9	16.6	14.5	15.4	17.0	13.7	15.2
2	8.9	8.0	8.3	11.2	7.5	9.4	15.9	13.2	14.3	16.9	13.4	15.1
3	8.7	8.0	8.3	11.9	9.3	10.4	16.6	12.2	14.1	16.7	13.6	15.1
4	10.2	7.2	8.7	12.7	8.6	10.8	17.2	12.7	14.8	16.9	13.1	15.1
5	10.6	7.2	9.0	14.1	10.4	12.2	18.2	14.0	15.8	16.9	14.3	15.5
6	11.0	8.1	9.6	13.0	10.0	11.6	15.9	14.2	15.1	17.9	14.4	16.2
7	12.0	8.5	10.4	12.8	9.6	11.1	16.9	15.0	15.7	18.8	14.3	16.8
8	11.6	10.8	11.2	13.0	10.1	11.6	16.0	14.8	15.3	19.7	15.2	17.7
9	11.9	10.9	11.4	10.8	9.1	10	18.9	14.1	16.3	19.3	16.1	17.9
10	10.9	8.4	9.7	12.5	9.5	10.8	19.5	15.0	17.1	20.8	16.6	18.7
11	10.2	6.9	8.6	13.2	9.9	11.4	18.1	16.0	17.0	22.3	17.3	19.8
12	10.9	7.2	9.2	14.7	9.6	12.2	18.9	16.1	17.2	23.2	18.3	20.7
13	11.2	10.0	10.6	16.3	12.0	14.2	16.8	15.1	16.0	23.1	18.5	20.8
14	13.1	10.7	11.7	15.7	12.4	13.9	17.7	14.5	15.8	22.7	18.7	20.7
15	13.4	10.3	11.9	13.4	10.8	12.3	18.5	13.6	16.1	21.0	18.8	19.9
16	13.4	11.9	12.6	12.4	11.0	11.5	18.5	14.3	16.4	21.3	16.5	18.8
17	12.3	10.1	11.2	11.0	10.5	10.8	18.5	13.9	16.4	21.6	15.9	18.8
18	11.6	8.3	10.1	13.3	9.7	11.4	19.2	14.4	16.9	22.2	16.9	19.5
19	10.9	8.9	10.1	12.1	10.0	11.3	19.2	14.9	17.2	22.3	17.9	20.1
20	11.3	10.3	10.9	14.3	10.6	12.7	19.4	14.8	17.4	22.3	19.1	20.3
21	14.5	11.1	12.7	15.2	12.6	13.9	18.4	15.7	17.2	22.7	18.3	20.5
22	15.4	12.3	13.7	13.8	12.9	13.3	18.5	16.2	17.3	23.0	18.5	20.8
23	14.3	11.7	13.1	14.5	12.8	13.4	17.3	14.4	16.2	24.2	19.4	21.6
24	13.6	12.1	12.9	16.3	11.9	13.9	16.1	12.3	14.3	25.0	19.6	21.9
25	13.6	10.4	12.0	17.8	12.8	15.1	14.8	11.6	13.4	23.7	14.7	20.5
26	12.6	9.5	11.3	18.6	13.9	16.2	14.9	12.7	13.7	23.6	17.4	20.2
27	11.7	10.9	11.2	17.3	15.5	16.5	16.8	12.8	14.9	24.1	17.9	20.8
28	11.1	10.1	10.6	15.5	12.9	13.7	16.7	12.7	15.0	24.0	19.6	21.4
29	---	---	---	16.9	11.7	14.3	18.5	15.1	16.8	20.8	17.5	18.8
30	---	---	---	17.4	12.8	15.2	17.5	14.9	16.2	18.2	17.2	17.7
31	---	---	---	16.4	14.7	15.4	---	---	---	18.9	17.6	18.2
MONTH	15.4	6.9	10.7	18.6	7.5	12.6	19.5	11.6	15.8	25.0	13.1	18.9

MOBILE RIVER BASIN

02423130 CAHABA RIVER AT TRUSSVILLE, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.1	8.0	8.8	9.6	7.6	8.3	---	---	---	12.5	10.2	11.1
2	10.1	7.7	8.7	8.9	7.4	7.9	---	---	---	12.2	9.9	10.7
3	9.3	7.5	8.2	8.5	7.5	7.9	---	---	---	12.3	9.9	10.7
4	9.4	7.7	8.3	9.1	8.5	8.8	---	---	---	12.2	9.8	10.6
5	9.6	7.8	8.4	9.8	9.1	9.4	---	---	---	12.2	9.7	10.7
6	9.0	7.2	8.1	10.4	9.5	9.9	---	---	---	11.9	9.5	10.3
7	8.6	7.0	7.7	10.5	9.4	9.8	---	---	---	11.9	9.5	10.5
8	9.3	7.1	8.1	10.4	9.4	9.8	---	---	---	11.5	9.1	10.1
9	8.7	7.1	7.7	10.9	9.7	10.2	---	---	---	12.3	9.9	10.9
10	8.7	6.9	7.8	11.4	9.9	10.5	---	---	---	---	---	---
11	8.8	7.2	7.9	10.8	9.8	10.2	---	---	---	---	---	---
12	9.0	7.0	7.8	10.0	9.6	9.8	---	---	---	---	---	---
13	8.6	7.0	7.8	10.3	9.8	10.0	---	---	---	---	---	---
14	9.9	7.9	8.7	10.8	9.9	10.3	12.1	11.5	11.7	11.6	10.0	10.8
15	9.9	8.1	8.9	11.3	10.4	10.8	12.3	11.5	11.8	12.3	10.8	11.4
16	10.3	8.6	9.3	13.2	10.5	11.6	12.4	11.3	11.8	12.6	10.9	11.6
17	10.2	8.4	9.2	12.2	11.0	11.7	11.8	11.0	11.3	13.4	11.5	12.4
18	9.9	7.9	8.8	12.0	10.8	11.3	12.0	11.0	11.4	13.7	12.0	12.7
19	8.8	7.4	8.1	11.2	10.5	10.8	12.0	11.1	11.6	13.7	11.9	12.6
20	8.6	7.6	8.4	11.6	10.3	10.8	13.1	12.0	12.5	13.4	11.2	12.3
21	8.9	8.2	8.4	11.1	10.3	10.6	12.5	11.1	11.9	12.9	10.5	11.6
22	9.1	8.2	8.6	10.9	10.7	10.8	11.3	10.3	10.9	12.7	10.5	11.3
23	9.3	8.2	8.7	---	---	---	12.1	10.4	11.6	13.8	11.2	12.6
24	8.9	8.2	8.5	---	---	---	12.9	12.1	12.4	14.0	11.9	12.9
25	9.3	8.3	8.7	10.7	7.2	9.0	13.0	11.9	12.4	14.5	11.4	12.5
26	9.4	8.2	8.7	10.8	7.5	8.5	12.9	11.9	12.3	13.5	10.7	11.8
27	9.4	8.2	8.7	13.1	8.0	9.5	13.2	12.0	12.5	13.8	10.7	12.0
28	9.5	7.8	7.8	9.7	7.6	8.5	13.2	11.8	12.4	13.6	11.0	12.1
29	9.5	7.6	8.3	---	---	---	13.2	11.4	12.2	13.5	11.8	12.4
30	9.1	7.6	8.3	---	---	---	12.9	10.9	11.8	14.0	11.7	12.6
31	9.7	7.8	8.5	---	---	---	12.7	10.6	11.4	14.3	11.3	12.5
MONTH	10.3	6.9	8.4	13.2	7.2	9.9	13.2	10.3	11.9	14.5	9.1	11.6
FEBRUARY			MARCH			APRIL			MAY			
1	13.8	11.2	12.2	11.9	10.9	11.3	10.4	9.9	10.2	10.5	9.5	10.0
2	12.8	11.3	11.9	12.7	10.6	11.6	10.8	10.1	10.5	10.6	9.4	10.1
3	13.7	11.8	12.4	12.0	10.4	11.1	11.1	9.9	10.5	10.8	8.6	9.9
4	13.8	11.5	12.5	12.0	10.2	11.0	10.9	9.7	10.3	10.9	9.4	10.1
5	13.7	11.3	12.4	11.7	9.9	10.7	10.6	9.4	10.0	10.9	9.4	10.1
6	13.7	11.2	12.2	12.1	10.0	10.9	10.3	9.3	9.9	10.9	9.2	9.9
7	13.4	10.6	11.9	11.8	10.2	10.8	10.1	9.3	9.7	10.9	8.8	9.8
8	11.9	10.6	11.1	11.2	10.2	10.6	10.3	9.8	10.0	10.8	8.5	9.5
9	11.3	10.6	10.9	11.5	7.7	10.8	10.6	9.2	9.9	10.9	8.4	9.4
10	12.7	10.8	11.5	11.3	9.7	10.5	10.4	7.8	9.7	11.1	8.4	9.5
11	---	---	---	11.4	10.0	10.7	10.3	9.3	9.8	11.0	8.1	9.4
12	---	---	---	10.8	6.9	9.7	10.3	9.1	9.6	10.9	7.9	9.2
13	---	---	---	11.1	8.8	9.8	10.6	9.2	9.7	10.8	7.9	9.1
14	---	---	---	11.1	7.8	9.9	10.6	9.1	9.7	10.8	7.9	9.1
15	11.4	9.8	10.3	11.6	9.9	10.7	10.8	8.9	9.8	9.4	7.8	8.6
16	10.7	9.8	10.1	11.1	10.2	10.7	10.9	8.9	9.8	10.8	8.1	9.4
17	11.5	9.8	10.6	11.5	10.7	11.0	11.1	8.9	9.8	10.8	8.1	9.4
18	12.0	10.4	11.1	11.9	10.2	11.0	11.0	8.8	9.7	10.8	8.0	9.3
19	12.0	10.4	11.1	12.0	9.6	10.9	11.2	8.6	9.7	10.5	7.8	9.0
20	11.5	10.3	10.8	11.8	9.2	10.7	10.9	8.6	9.6	10.3	7.4	8.5
21	10.8	9.7	10.3	11.5	7.3	10.3	11.0	8.6	9.5	10.1	7.2	8.6
22	11.2	9.6	10.2	10.7	9.6	10.2	10.4	7.9	8.8	10.5	7.6	8.8
23	11.4	9.8	10.4	10.6	10.1	10.4	9.9	7.9	8.9	10.3	7.3	8.5
24	10.8	9.9	10.3	11.0	9.7	10.3	11.0	8.6	9.8	9.8	7.3	8.4
25	11.5	10.1	10.7	10.8	8.2	10	11.7	9.3	10.4	10.2	7.4	8.7
26	11.9	10.1	10.9	10.6	9.1	9.8	10.7	9.4	9.8	10.9	7.7	9.0
27	11.4	9.9	10.7	10.1	9.1	9.5	10.8	8.7	9.8	11.1	7.7	9.1
28	11.3	10.8	11.0	10.7	9.5	10.2	11.2	8.8	10	11.2	7.7	9.0
29	---	---	---	11.1	10.2	10.7	10.8	8.0	9.4	9.3	7.6	8.6
30	---	---	---	11.0	9.3	9.8	10.0	8.4	9.5	9.9	8.6	9.2
31	---	---	---	10.4	9.5	10.2	---	---	---	10.2	7.0	9.1
MONTH	13.8	9.6	11.1	12.7	6.9	10.5	11.7	7.8	9.8	11.2	7.0	9.2

02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL

LOCATION.--Lat 33°28'54", long 86°42'46", in NE ¼ sec. 11, T. 18 S., R. 2 W., Jefferson County, Hydrologic Unit 03150202, on downstream side bridge on county road, 0.1 mi upstream from Fuller Creek, 3.5 mi east of Mountain Brook, 5.4 mi upstream from Little Cahaba River, and at mi 153.6.

DRAINAGE AREA.--140 mi².

PERIOD OF RECORD.--October 1980 to September 1981, June 1984 to current year. March 1976 to September 1980 and October 1981 to September 1984 in files of Barton Laboratory, Jefferson County Commission.

GAGE.--Water-stage recorder. Datum of gage is 443.85 ft above NGVD of 1929 (levels by Jefferson County Engineering Department).

REMARKS.--Estimated daily discharge: Nov. 23-29, April 1-4, June 3-6, and July 15-18. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	0415	*8,760	*13.40	Jul 15	0200	5,470	9.94
Mar 31	1600	4,040	8.20				

Minimum discharge, 8.9 ft³/s, Sept. 25, gage height, 0.58 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	47	67	718	135	126	455	e2,310	635	915	80	118	53
2	42	86	528	128	200	359	e1,760	327	1,110	81	128	50
3	40	186	423	121	271	303	e856	233	e1,160	63	97	36
4	37	573	349	117	251	266	e590	178	e553	56	79	29
5	37	388	318	113	224	235	483	147	e362	51	71	26
6	35	263	461	117	202	206	427	170	e262	87	63	23
7	32	203	1,010	123	186	284	652	130	215	330	89	20
8	31	167	1,010	273	254	1,130	581	111	321	180	107	19
9	31	132	958	213	299	583	485	98	389	103	82	18
10	33	110	1,040	174	311	452	417	90	295	421	73	17
11	36	541	626	157	272	355	376	82	326	1,700	77	16
12	36	1,130	460	148	245	305	384	75	564	621	68	15
13	33	624	376	242	227	268	319	68	481	482	63	14
14	31	386	311	640	740	302	263	62	325	751	86	14
15	30	286	266	414	566	300	237	89	249	e2,480	60	14
16	26	236	240	319	410	279	212	107	187	e910	83	13
17	24	200	220	264	326	263	194	75	138	e593	93	13
18	23	172	200	227	271	237	182	63	115	e387	184	13
19	105	164	183	201	236	204	170	57	97	325	125	19
20	798	169	162	187	227	181	157	76	84	309	60	14
21	264	786	151	175	326	170	148	82	78	265	46	12
22	172	2,820	162	161	311	324	151	80	80	320	83	12
23	129	e4,270	317	143	293	568	208	60	65	218	96	11
24	206	e5,070	287	125	501	386	159	54	58	162	103	10
25	192	e3,560	240	118	402	315	133	43	52	131	82	9.4
26	144	e1,180	214	116	325	276	185	37	49	109	54	315
27	131	e900	189	111	304	329	276	34	46	97	43	153
28	104	e876	168	103	562	424	190	32	91	95	36	75
29	93	e632	157	143	---	378	157	282	141	173	38	51
30	83	468	149	152	---	318	752	345	68	316	87	41
31	73	---	143	134	---	2,100	---	208	---	145	78	---
TOTAL	3,098	26,645	12,036	5,794	8,868	12,555	13,414	4,130	8,876	12,041	2,552	1,125.4
MEAN	99.9	888	388	187	317	405	447	133	296	388	82.3	37.5
MAX	798	5,070	1,040	640	740	2,100	2,310	635	1,160	2,480	184	315
MIN	23	67	143	103	126	170	133	32	46	51	36	9.4
CFSM	0.71	6.34	2.77	1.34	2.26	2.89	3.19	0.95	2.11	2.77	0.59	0.27
IN.	0.82	7.08	3.20	1.54	2.36	3.34	3.56	1.10	2.36	3.20	0.68	0.30

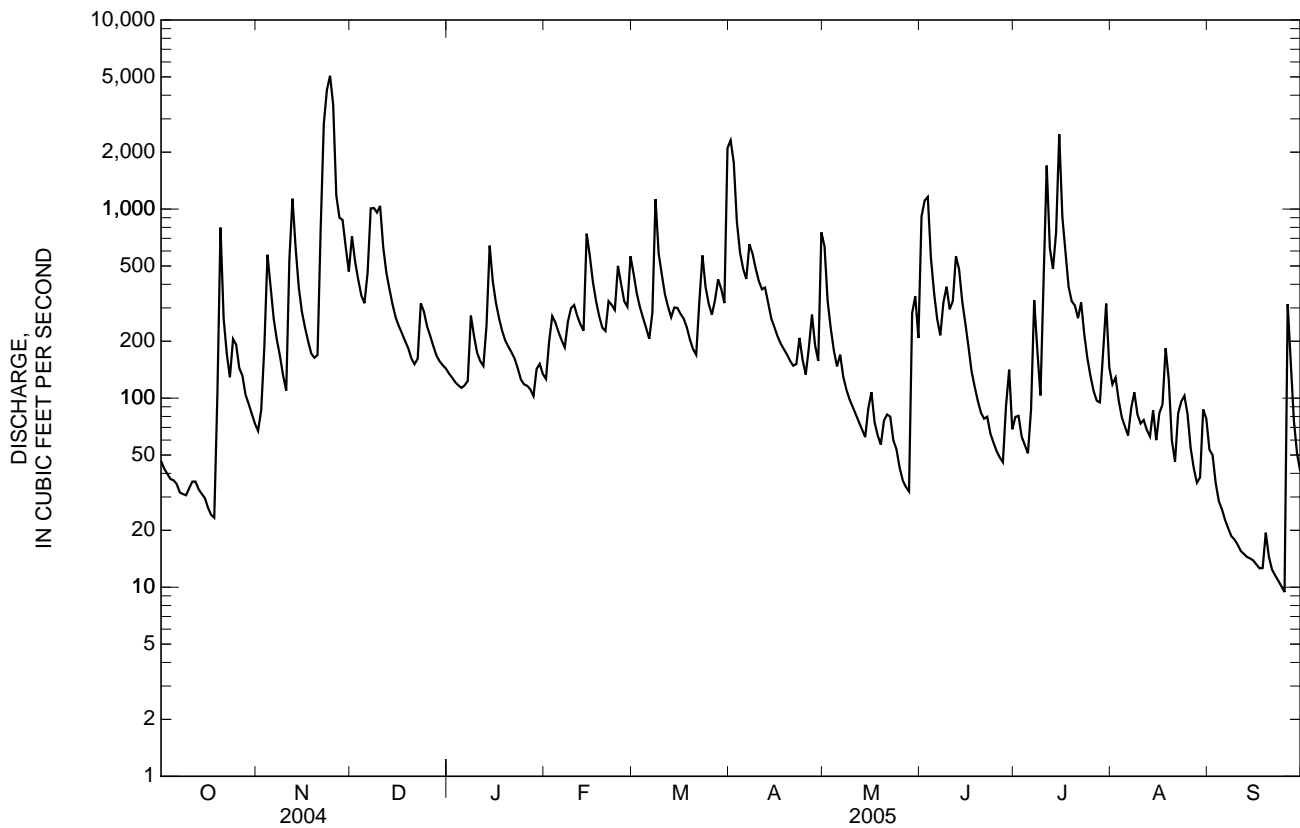
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	90.4	213	238	404	449	489	303	197	174	146	64.9	109
MAX	502	888	572	898	1,061	1,191	809	1,608	850	469	225	519
(WY)	(1996)	(2005)	(2003)	(1998)	(1990)	(1996)	(2000)	(2003)	(1997)	(1989)	(1992)	(2001)
MIN	7.28	28.2	44.4	36.7	132	105	31.7	30.0	10.6	10.6	10.8	10.2
(WY)	(1988)	(1988)	(2001)	(1981)	(2000)	(1986)	(1986)	(1986)	(1988)	(2000)	(1988)	(1990)

02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	103,779		111,134.4		239	
ANNUAL MEAN	284		304		434	
HIGHEST ANNUAL MEAN					70.4	
LOWEST ANNUAL MEAN					17,600	
HIGHEST DAILY MEAN	6,750	Sep 17	5,070	Nov 24	May 8, 2003	2003
LOWEST DAILY MEAN	13	Sep 2	9.4	Sep 25	Oct 16, 1987	1986
ANNUAL SEVEN-DAY MINIMUM	16	Aug 28	12	Sep 19	Oct 14, 2000	2000
MAXIMUM PEAK FLOW			8,760	Nov 23	May 8, 2003	2003
MAXIMUM PEAK STAGE			13.40	Nov 23	May 8, 2003	2003
ANNUAL RUNOFF (CFSM)	2.03		2.17		1.71	
ANNUAL RUNOFF (INCHES)	27.58		29.53		23.24	
10 PERCENT EXCEEDS	582		604		509	
50 PERCENT EXCEEDS	126		175		100	
90 PERCENT EXCEEDS	31		36		15	

e Estimated



02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL

LOCATION.--Lat 33°32'04", long 86°33'45", in SE $\frac{1}{4}$ sec. 20, T. 17 S., R. 1 E., Jefferson County, Hydrologic Unit 03150202, on left bank, 0.1 mi downstream of Dry Branch, 0.5 mi southwest of Leeds, and 13.8 mi upstream from mouth.

DRAINAGE AREA.--17.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1995 to current year.

GAGE.--Water-stage recorder. Datum of gage is 595.50 ft above NGVD of 1929 (levels by Jefferson County Engineering Department).

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	2015	775	7.76	Jul 14	2215	*2,480	*11.78
Nov 24	0930	2,060	11.15				

Minimum discharge, 7.5 ft³/s, on several days, gage height, 1.13 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12	13	101	20	19	51	231	37	168	15	20	15
2	15	45	62	19	38	41	129	28	233	14	17	12
3	16	48	52	19	42	36	79	23	174	15	15	11
4	17	132	48	17	30	33	65	22	69	15	16	11
5	14	48	58	17	25	30	56	23	51	18	18	10
6	15	32	96	19	25	27	53	24	41	34	12	11
7	16	30	140	19	22	76	98	21	47	50	12	9.9
8	15	23	84	36	33	123	73	18	57	22	13	10
9	15	17	126	23	38	56	54	16	74	33	17	9.6
10	15	21	96	20	32	48	48	17	50	88	15	10
11	14	105	70	18	29	40	44	15	57	194	16	9.1
12	11	85	60	17	24	33	44	15	104	61	13	9.3
13	12	46	54	86	24	32	36	14	55	80	14	9.2
14	11	35	51	67	106	31	33	14	41	558	13	9.0
15	8.3	31	46	41	54	29	32	37	35	503	13	9.0
16	10	26	44	32	41	26	29	22	28	113	12	9.3
17	8.6	24	40	26	35	27	27	19	25	77	21	9.4
18	9.0	22	41	22	32	22	25	16	21	56	45	11
19	111	22	37	22	30	23	23	13	19	46	17	8.7
20	46	22	34	23	28	20	22	15	19	40	18	8.6
21	25	115	33	24	55	21	26	17	18	37	19	11
22	16	289	40	21	36	47	37	14	17	32	15	9.9
23	17	324	74	22	41	48	33	13	16	26	17	8.5
24	33	1,100	39	17	64	33	23	13	15	25	17	8.4
25	19	185	33	17	42	27	21	12	14	24	16	8.6
26	16	93	32	18	33	26	45	13	15	20	13	132
27	15	122	27	17	e59	38	34	11	14	25	12	25
28	15	91	22	15	e81	38	24	10	15	19	12	19
29	14	66	27	31	---	31	23	96	14	18	15	15
30	12	64	23	25	---	26	71	50	14	16	24	14
31	14	---	21	19	---	212	---	33	---	19	16	---
TOTAL	586.9	3,276	1,711	789	1,118	1,351	1,538	691	1,520	2,293	513	453.5
MEAN	18.9	109	55.2	25.5	39.9	43.6	51.3	22.3	50.7	74.0	16.5	15.1
MAX	111	1,100	140	86	106	212	231	96	233	558	45	132
MIN	8.3	13	21	15	19	20	21	10	14	14	12	8.4
CFSM	1.11	6.42	3.25	1.50	2.35	2.56	3.02	1.31	2.98	4.35	0.97	0.89
IN.	1.28	7.17	3.74	1.73	2.45	2.96	3.37	1.51	3.33	5.02	1.12	0.99

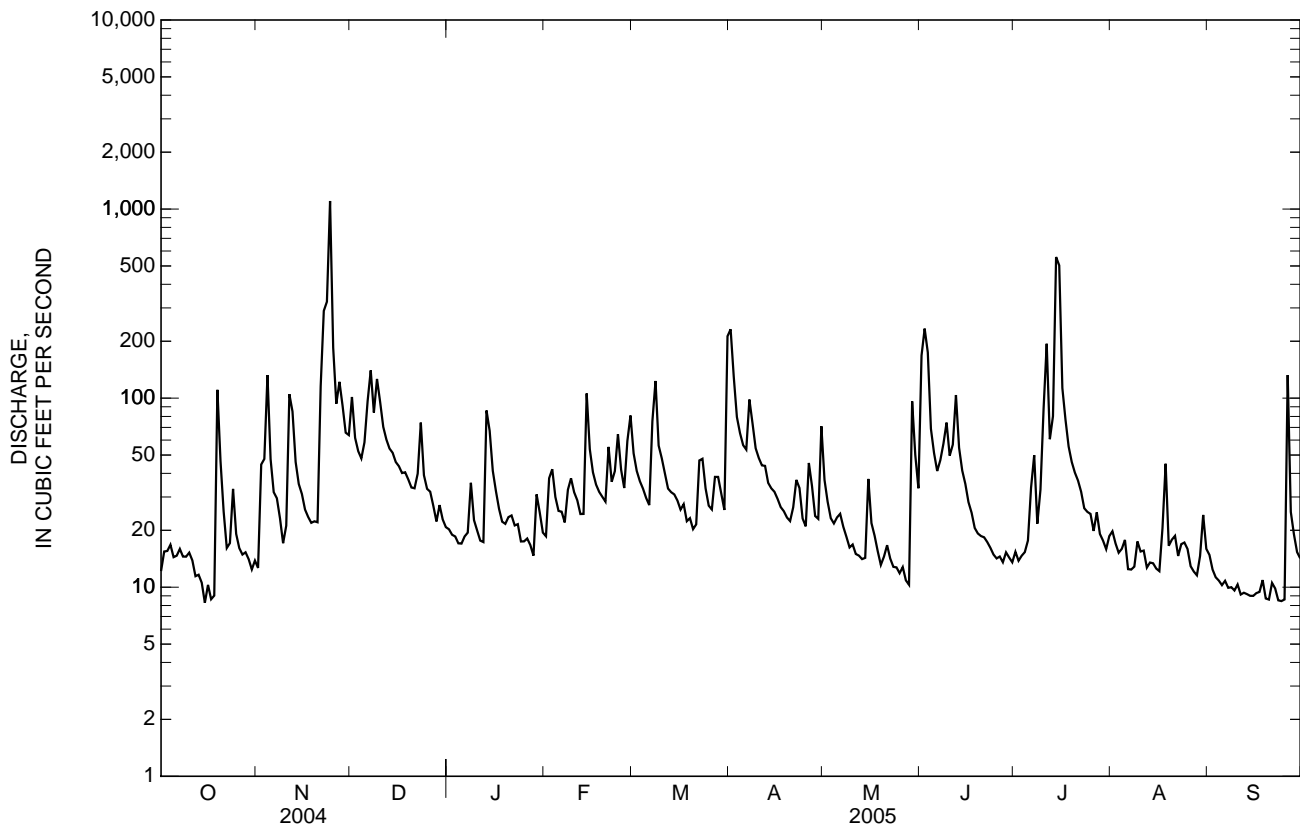
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

MEAN	17.7	33.0	32.9	52.9	51.7	57.9	45.0	36.8	41.8	29.6	14.6	20.1
MAX	38.9	109	62.5	112	79.8	105	98.0	187	97.2	74.0	27.5	69.9
(WY)	(2003)	(2005)	(2003)	(1998)	(1998)	(1996)	(2000)	(2003)	(1999)	(2005)	(1998)	(2004)
MIN	7.71	8.98	10.6	25.4	20.6	32.6	20.7	7.67	9.30	7.30	5.78	5.41
(WY)	(1999)	(2000)	(2001)	(2001)	(2000)	(2004)	(2004)	(2000)	(2000)	(1995)	(2000)	(2000)

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 1995 - 2005		
ANNUAL TOTAL	14,650.0			15,840.4			36.4		
ANNUAL MEAN	40.0			43.4			56.3		
HIGHEST ANNUAL MEAN							22.2		
LOWEST ANNUAL MEAN							1,460		
HIGHEST DAILY MEAN	1,100	Nov 24		1,100	Nov 24		May 7, 2003		
LOWEST DAILY MEAN	6.3	Jul 24		8.3	Oct 15		Sep 4, 2000		
ANNUAL SEVEN-DAY MINIMUM	7.5	Aug 27		9.1	Sep 19		Sep 2, 2000		
MAXIMUM PEAK FLOW				2,480	Jul 14		May 7, 2003		
MAXIMUM PEAK STAGE				11.78	Jul 14		15.04	May 7, 2003	
ANNUAL RUNOFF (CFSM)	2.35			2.55			2.14		
ANNUAL RUNOFF (INCHES)	32.06			34.66			29.10		
10 PERCENT EXCEEDS	69			82			67		
50 PERCENT EXCEEDS	19			24			19		
90 PERCENT EXCEEDS	8.7			12			7.5		

e Estimated



02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1995 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1995 to current year.

WATER TEMPERATURE: June 1995 to current year.

DISSOLVED OXYGEN: June 1995 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1995.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 611 μ S/cm, Oct. 17, 1996; minimum, 67 μ S/cm, Apr. 3, 2001, Sept. 16, 2004.

WATER TEMPERATURE: Maximum, 27.8°C, August 22, 2005; minimum, 4.4°C, Feb. 3, 1996.

DISSOLVED OXYGEN: Maximum, 14.4 mg/L, Feb. 28, 1998; minimum, 2.1 mg/L, Feb. 12, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 464 μ S/cm, Oct. 16; minimum, 69 μ S/cm, July 14.

WATER TEMPERATURE: Maximum, 27.8°C, Aug. 22; minimum, 6.8°C, Jan. 18.

DISSOLVED OXYGEN: Maximum, 13.7 mg/L, Nov. 5; minimum, 4.6 mg/L, Jan. 10.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	408	381	388	445	391	407	301	212	261	407	363	386
2	407	381	399	448	237	344	329	301	317	409	375	389
3	407	379	399	340	247	304	352	324	338	411	371	391
4	408	398	405	321	167	247	361	343	353	409	377	389
5	413	379	397	375	321	354	362	270	342	410	374	389
6	428	382	408	392	340	375	286	242	261	423	351	380
7	440	403	426	417	374	404	298	183	237	409	361	389
8	439	386	423	426	388	407	304	236	277	389	262	311
9	450	385	425	405	397	401	321	184	250	388	316	350
10	463	397	441	436	399	420	298	252	274	398	356	375
11	460	385	426	435	172	289	327	298	314	407	355	378
12	450	377	403	312	219	270	346	318	335	405	358	382
13	454	373	412	364	305	330	355	342	348	408	160	303
14	453	381	407	384	345	370	376	354	364	303	187	256
15	406	375	385	415	348	386	378	370	374	340	283	321
16	464	377	407	416	366	396	382	376	378	360	315	341
17	447	380	396	416	369	398	390	370	383	371	314	354
18	458	376	401	419	378	400	395	363	388	381	325	360
19	408	109	292	415	380	394	411	388	395	384	334	371
20	364	179	277	400	366	384	400	393	396	382	337	366
21	407	359	378	409	169	279	411	397	401	387	344	366
22	429	367	380	283	101	205	407	274	393	390	349	369
23	430	313	399	219	115	168	322	238	281	394	342	377
24	395	307	339	221	80	110	344	318	332	391	348	375
25	416	367	386	268	140	222	364	315	347	403	361	377
26	426	380	399	311	262	290	394	331	368	399	359	380
27	435	372	404	321	203	269	387	335	369	399	365	379
28	442	392	411	305	234	277	392	353	361	401	366	375
29	442	386	400	330	305	320	396	381	392	366	281	328
30	446	389	401	344	250	328	402	359	379	364	315	345
31	444	391	410	---	---	---	402	369	388	382	336	354
MONTH	464	109	394	448	80	325	411	183	342	423	160	361

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	380	336	361	328	271	310	215	143	177	347	250	303
2	376	282	322	349	306	333	264	188	226	368	337	352
3	334	276	302	365	296	345	297	264	281	376	346	364
4	357	297	324	370	328	355	320	279	308	378	356	366
5	360	330	342	379	319	361	337	320	329	382	346	363
6	370	340	357	376	340	365	343	287	335	366	339	352
7	376	347	361	384	133	322	295	237	271	389	350	365
8	378	305	346	280	138	217	307	258	286	397	351	372
9	352	294	326	308	271	295	338	299	316	391	358	372
10	352	299	330	330	302	318	345	286	334	396	361	377
11	369	319	354	348	319	336	352	338	348	392	357	369
12	373	323	352	357	326	346	352	328	347	419	357	370
13	376	329	356	363	332	352	380	339	359	419	357	370
14	346	170	238	361	330	352	384	343	367	411	357	373
15	323	275	300	378	336	358	384	359	371	368	242	299
16	346	297	327	370	333	355	389	353	374	345	294	321
17	360	319	344	377	341	358	386	356	373	387	325	356
18	366	332	356	371	343	358	403	365	378	435	342	367
19	373	332	364	380	343	367	404	363	381	407	349	360
20	389	316	361	375	355	367	417	365	380	413	316	362
21	329	246	294	376	344	364	417	291	358	392	332	358
22	351	307	339	381	218	306	384	285	336	405	332	357
23	362	251	339	301	238	288	358	306	341	413	347	361
24	314	216	279	349	290	326	390	350	365	418	351	368
25	344	287	328	370	311	338	389	363	372	403	353	368
26	353	317	338	370	317	353	389	250	322	415	354	368
27	362	312	351	354	281	314	356	241	318	402	347	363
28	299	236	268	341	296	326	379	334	355	404	352	362
29	---	---	---	363	309	337	389	328	363	411	134	237
30	---	---	---	366	314	348	379	155	259	309	178	263
31	---	---	---	366	129	195	---	---	---	345	266	321
MONTH	389	170	331	384	129	331	417	143	331	435	134	350
	JUNE			JULY			AUGUST			SEPTEMBER		
1	266	149	198	398	328	354	361	330	341	419	353	370
2	307	97	212	405	325	347	358	324	339	409	360	372
3	271	135	212	410	319	351	371	336	350	407	362	372
4	324	271	298	383	318	335	387	343	359	417	358	372
5	353	324	339	375	276	335	400	335	368	414	358	370

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	20.6	17.4	19.0	20.6	18.7	19.6	14.7	12.8	13.7	15.7	13.2	14.5
2	21.5	18.4	20.2	20.8	19.2	20.0	13.4	11.9	12.6	16.4	14.7	15.4
3	22.0	19.3	20.8	20.2	19.7	20.0	13.7	11.5	12.5	16.5	14.5	15.5
4	21.4	18.9	20.2	20.4	17.5	19.3	14.1	12.0	13.0	16.4	14.6	15.5
5	21.0	18.1	19.7	17.5	15.5	16.8	13.5	12.6	12.9	15.4	14.3	14.8
6	21.1	18.1	19.8	16.4	14.3	15.3	14.9	12.6	13.5	15.2	14.2	15.0
7	20.5	19.4	20.2	17.2	14.1	15.7	17.0	14.9	16.1	15.1	13.8	14.3
8	20.1	18.5	19.4	16.5	14.6	15.6	15.7	14.1	14.9	15.5	13.4	14.9
9	19.7	18.9	19.3	15.6	13.8	14.8	16.4	14.9	15.8	14.1	11.3	13.0
10	19.8	19.0	19.5	15.8	13.4	14.9	16.2	14.3	15.5	14.5	12.5	13.5
11	20.2	19.4	19.7	15.4	13.6	14.4	14.3	13.1	13.6	15.9	13.7	14.8
12	20.8	19.7	20.1	16.4	14.7	15.7	14.2	12.7	13.4	16.0	15.2	15.5
13	19.9	17.6	18.9	15.9	15.0	15.5	13.9	12.2	13.1	15.8	13.4	14.8
14	17.7	16.9	17.4	15.5	13.9	14.9	12.2	10.6	11.5	13.4	11.6	12.6
15	16.9	15.2	15.9	15.2	12.9	14.0	11.7	9.8	10.6	12.5	10.8	11.6
16	18.0	14.9	16.1	15.0	12.5	13.9	11.7	9.6	10.6	12.0	9.9	10.9
17	17.7	15.7	16.5	16.2	13.3	14.8	12.6	10.8	11.7	10.2	7.5	9.1
18	19.2	16.8	17.8	16.2	14.5	15.4	12.4	10.6	11.4	10.0	6.8	8.7
19	19.8	18.4	18.8	15.9	15.0	15.4	11.5	9.3	10.8	9.8	7.7	8.8
20	19.8	18.7	19.1	17.1	15.7	16.3	10.0	8.5	9.2	12.1	8.2	10.1
21	19.3	18.8	19.1	16.6	15.7	16.1	12.1	8.9	10.5	13.8	10.6	11.9
22	19.4	18.1	18.7	16.5	15.7	16.0	12.6	11.5	12.1	14.1	10.7	12.7
23	19.2	17.8	18.5	17.5	15.9	16.6	12.1	9.0	10.6	10.7	8.9	9.6
24	19.8	18.3	19.0	18.1	16.9	17.6	9.6	8.3	8.8	10.6	7.0	9.2
25	19.9	17.6	18.7	16.9	13.6	15.0	9.4	7.9	8.8	12.2	8.0	10.4
26	19.7	17.8	18.9	14.3	12.7	13.5	10.8	8.1	9.5	14.4	10.7	12.7
27	20.2	18.3	19.3	13.7	12.0	12.7	11.0	8.2	9.8	13.2	11.0	12.3
28	20.7	19.0	19.7	14.4	12.8	13.5	11.1	8.9	9.9	12.2	10.1	11.2
29	20.6	18.8	19.8	14.8	13.1	14.0	12.6	10.0	11.2	10.1	8.8	9.2
30	20.0	18.7	19.3	15.6	14.2	14.8	13.5	11.1	12.2	11.2	9.4	10.4
31	20.2	18.8	19.5	---	---	---	14.5	12.6	13.5	12.1	10.4	11.1
MONTH	22.0	14.9	19.0	20.8	12.0	15.7	17.0	7.9	12.0	16.5	6.8	12.4
FEBRUARY			MARCH			APRIL			MAY			
1	12.3	10.9	11.8	12.8	10.5	11.4	17.2	15.4	16.3	18.3	15.1	16.8
2	11.4	9.7	10.4	13.0	9.7	11.2	16.2	14.2	15.1	18.3	14.9	16.6
3	10.9	9.6	10.4	13.8	11.4	12.4	16.9	13.1	14.9	18.0	15.4	16.4
4	12.6	9.5	10.9	14.8	11.2	12.9	17.8	13.7	15.7	18.2	14.8	16.3
5	13.3	10.0	11.5	16.2	12.3	14.1	18.9	15.1	16.8	16.8	15.7	16.2
6	13.8	11.2	12.4	15.4	12.6	13.8	16.9	15.4	16.2	18.4	15.6	16.8
7	15.3	12.2	13.6	14.2	11.8	13.2	17.6	15.9	16.6	19.5	15.8	17.5
8	14.5	14.1	14.3	13.8	11.9	12.7	16.9	15.7	16.3	20.1	16.4	18.3
9	14.7	13.6	14.3	12.6	11.2	11.9	19.4	15.1	17.2	20.1	17.2	18.6
10	13.6	10.9	12.5	13.8	11.4	12.4	19.8	16.0	17.9	20.6	17.7	19.0
11	13.0	10.4	11.5	15.0	12.0	13.2	18.6	17.0	17.8	21.2	18.0	19.6
12	13.7	10.2	11.9	16.4	11.1	13.9	19.4	16.7	17.6	21.6	18.8	20.3
13	13.7	12.5	13.0	17.8	13.4	15.8	17.8	15.9	16.9	21.6	18.9	20.4
14	13.9	11.6	12.9	17.5	14.5	16.0	18.2	15.7	16.8	21.8	19.0	20.4
15	15.2	12.5	13.8	15.8	13.4	14.6	19.4	15.2	17.1	21.0	19.3	20.3
16	15.4	13.9	14.8	14.4	12.9	13.6	19.4	16.0	17.5	20.1	17.8	19.1
17	14.4	12.3	13.4	13.1	12.4	12.8	19.4	15.6	17.5	20.5	17.1	18.9
18	14.0	10.7	12.4	14.8	11.2	13.2	19.9	16.0	17.9	21.1	17.7	19.4
19	13.1	10.8	12.3	14.5	12.2	13.6	19.7	16.5	18.0	21.3	18.5	20.0
20	13.8	12.5	13.2	16.3	12.7	14.5	20.2	16.3	18.2	21.2	19.7	20.3
21	16.1	12.8	14.5	16.9	14.2	15.5	19.2	16.9	18.1	21.4	19.0	20.2
22	17.4	14.8	15.9	15.6	14.6	15.1	19.3	17.3	18.2	21.4	19.0	20.2
23	16.7	14.2	15.3	16.7	14.8	15.6	18.3	16.1	17.4	22.3	19.4	20.7
24	15.1	13.7	14.5	18.3	14.0	15.9	17.2	14.2	15.6	21.9	19.5	20.8
25	15.5	12.6	13.9	19.7	14.8	17.1	16.1	13.7	14.9	21.1	18.3	19.7
26	14.6	11.6	13.2	20.7	16.1	18.1	16.1	14.6	15.3	20.8	17.6	19.2
27	13.4	12.6	13.1	18.9	17.4	18.2	18.4	14.7	16.1	20.7	17.9	19.5
28	12.0	11.1	11.6	17.4	14.3	15.3	18.7	14.3	16.3	20.9	18.8	20.0
29	---	---	---	18.7	13.4	15.7	19.3	16.6	17.7	20.3	18.4	19.2
30	---	---	---	19.1	15.0	16.8	18.4	16.8	17.8	18.6	18.0	18.3
31	---	---	---	17.1	15.9	16.5	---	---	---	19.1	18.1	18.5
MONTH	17.4	9.5	13.0	20.7	9.7	14.4	20.2	13.1	16.9	22.3	14.8	19.0

MOBILE RIVER BASIN

02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.6	7.3	8.1	7.9	6.5	6.9	9.8	9.3	9.6	10.2	7.8	9.2
2	8.8	7.6	8.1	7.8	5.9	7.1	10.3	9.6	9.9	9.8	7.7	8.9
3	8.5	7.3	7.9	7.8	6.9	7.4	10.2	9.4	9.8	9.9	8.2	8.9
4	8.7	7.8	8.2	8.3	6.7	7.9	10.1	9.4	9.6	9.9	7.9	8.9
5	8.9	7.3	8.1	13.7	8.3	9.5	9.9	9.4	9.6	8.9	6.8	8.2
6	8.9	7.5	8.1	9.4	8.6	9.0	9.7	9.0	9.5	8.6	6.9	7.9
7	8.3	7.2	7.7	9.4	8.4	8.9	9.1	8.5	8.8	8.9	6.6	8.1
8	8.5	6.9	7.8	9.3	8.4	8.8	9.5	7.9	9.0	8.8	6.7	8.0
9	7.7	6.8	7.5	9.3	8.6	8.9	9.1	6.5	8.6	9.6	6.5	8.6
10	7.8	6.8	7.5	9.8	8.6	9.1	9.1	8.5	8.8	9.7	4.6	8.0
11	7.7	6.6	7.4	10.1	8.6	9.4	9.6	8.6	9.2	9.0	4.8	7.2
12	7.5	6.5	7.0	9.5	8.8	9.1	9.9	6.4	9.1	8.7	6.9	7.9
13	7.7	6.1	6.9	9.5	8.8	9.0	9.7	6.2	7.9	9.2	5.0	7.7
14	8.2	6.9	7.5	9.9	9.0	9.3	---	---	---	10.0	9.0	9.6
15	8.4	7.4	7.9	10.2	9.1	9.5	10.7	10.1	10.3	10.7	9.7	10.1
16	8.8	7.7	8.1	10.1	9.2	9.5	10.8	10.0	10.3	10.9	9.8	10.3
17	8.6	7.4	7.9	10.5	9.0	9.8	10.5	9.3	10	11.7	10.0	10.8
18	8.1	7.1	7.5	10.3	9.2	9.6	10.5	9.6	10.1	11.7	10.3	10.7
19	8.6	6.6	7.4	9.6	8.7	9.2	10.6	9.7	10.2	11.5	9.6	10.4
20	7.9	7.4	7.6	9.7	8.3	8.9	11.1	10.3	10.6	12.0	8.2	10.4
21	7.9	7.3	7.6	9.9	8.3	9.3	10.8	9.7	10.4	11.4	8.6	10.1
22	8.0	7.1	7.5	9.7	9.0	9.4	9.8	9.5	9.6	11.0	9.4	10.0
23	8.3	7.1	7.6	9.0	8.6	8.8	10.6	9.7	10.1	12.6	9.7	11.1
24	7.9	7.1	7.6	9.2	8.0	8.6	11.2	10.3	10.7	12.1	9.9	11.0
25	7.9	7.2	7.5	9.6	8.0	9.0	11.2	10.2	10.7	12.0	7.6	10.7
26	8.2	6.9	7.4	10.2	9.5	9.8	11.2	10.2	10.6	11.6	9.3	10.3
27	8.1	6.6	7.2	10.5	9.6	9.9	11.1	9.6	10.5	11.8	9.2	10.4
28	7.9	6.5	7.1	10.2	9.6	9.8	11.0	8.1	10.3	11.5	9.6	10.4
29	7.7	6.4	6.9	10.1	9.4	9.7	10.8	9.4	10.2	11.3	10.2	10.8
30	7.4	6.4	6.9	9.7	8.8	9.3	10.7	9.3	9.8	12.1	10.0	10.8
31	7.6	6.8	7.2	---	---	---	10.4	8.5	9.4	12.3	9.9	10.7
MONTH	8.9	6.1	7.6	13.7	5.9	9.0	11.2	6.2	9.8	12.6	4.6	9.6
FEBRUARY			MARCH			APRIL			MAY			
1	11.4	9.6	10.3	10.2	8.4	9.2	9.0	8.0	8.5	8.6	7.3	8.0
2	11.2	9.7	10.5	11.7	8.7	10.0	9.8	7.6	9.1	9.2	7.8	8.4
3	11.5	8.3	10.5	11.5	9.2	10.1	10.6	8.8	9.5	---	---	---
4	11.9	7.7	9.9	11.3	8.9	10.0	10.5	8.0	9.4	---	---	---
5	11.0	7.2	9.6	11.2	8.7	9.7	10.3	8.4	9.2	---	---	---
6	11.8	7.1	9.9	11.7	8.7	9.9	10.1	8.1	8.9	---	---	---
7	11.4	8.8	10.0	10.7	8.7	9.6	9.3	6.7	8.1	---	---	---
8	10.3	8.6	9.2	10.1	9.3	9.6	8.4	6.8	7.6	---	---	---
9	9.9	8.4	9.0	11.2	9.4	10.1	9.7	7.5	8.3	---	---	---
10	11.5	8.4	10.0	11.4	9.3	10.2	10.0	7.1	8.5	---	---	---
11	11.2	8.9	10.1	11.4	9.2	10.1	10.1	8.0	8.8	10.9	9.1	10.3
12	10.8	8.4	9.4	11.4	8.6	9.9	9.7	7.9	8.6	10.0	8.1	9.2
13	9.8	8.2	8.7	11.1	8.2	9.4	9.2	7.8	8.5	9.6	8.0	8.7
14	8.9	8.2	8.6	11.5	8.0	9.4	9.5	7.8	8.4	9.5	8.0	8.6
15	9.5	8.1	8.7	12.0	8.5	9.9	9.6	7.8	8.6	8.4	7.6	8.0
16	8.9	7.7	8.3	9.9	8.3	9.1	9.5	7.6	8.4	9.2	7.7	8.5
17	10.1	8.1	8.9	10.9	8.8	9.8	9.5	7.5	8.3	9.2	7.9	8.6
18	10.4	8.2	9.2	12.3	9.2	10.6	9.2	7.3	8.1	9.1	8.0	8.4
19	10.2	8.3	9.1	12.0	8.9	10.2	9.1	7.3	8.1	9.0	7.4	8.2
20	9.6	8.1	8.7	12.3	8.7	10.2	8.8	6.9	7.8	8.5	6.7	7.6
21	9.1	7.5	8.3	12.1	8.3	9.8	8.3	6.5	7.4	8.7	6.7	7.7
22	9.7	7.3	8.2	10.0	8.1	9.0	7.6	6.5	7.0	8.6	7.2	7.9
23	9.8	7.2	8.3	10.9	8.7	9.6	7.8	6.4	7.1	8.3	7.0	7.6
24	8.6	7.5	7.9	11.8	8.4	9.9	8.1	7.0	7.5	8.1	6.5	7.3
25	10.0	7.7	8.6	11.7	8.2	9.5	8.4	7.1	7.6	8.2	6.7	7.4
26	10.2	7.8	8.8	11.6	8.1	9.4	8.0	6.9	7.4	8.5	7.0	7.7
27	9.1	7.7	8.4	10.2	7.4	8.5	8.0	6.9	7.4	8.3	7.0	7.6
28	8.9	8.4	8.7	10.9	7.4	9.1	8.3	7.1	7.7	8.2	7.0	7.5
29	---	---	---	12.2	8.4	10	8.5	7.1	7.6	8.4	7.0	7.7
30	---	---	---	11.8	7.8	9.4	8.1	7.2	7.5	8.0	7.5	7.8
31	---	---	---	8.8	7.4	8.4	---	---	---	8.2	7.3	7.8
MONTH	11.9	7.1	9.1	12.3	7.4	9.7	10.6	6.4	8.2	10.9	6.5	8.1

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL

LOCATION.--Lat 33°31'27", long 86°34'32", in SE ¼ sec. 30, T. 17 S., R. 1 E., Jefferson County, Hydrologic Unit 03150202, on left bank on downstream side bridge on county road, 1.2 mi downstream from Dry Branch, 2.0 mi southwest of Leeds, and 12.8 mi upstream from mouth.

DRAINAGE AREA.--19.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--March 1976 to September 1980 (gage heights and discharge measurements in files of Barton Laboratories), October 1980 to September 1981, May 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 586.84 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 850 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1000	1,990	10.71	Jul 14	2315	*2,270	*11.16

Minimum discharge, 7.0 ft³/s, Oct. 18, gage height, 0.46 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13	13	124	22	23	60	275	43	201	17	21	19
2	17	48	71	20	41	48	170	34	244	15	18	16
3	16	49	55	20	48	44	105	29	216	15	16	15
4	18	155	48	19	35	39	82	26	88	17	16	14
5	15	51	57	18	31	35	69	27	62	17	18	13
6	15	32	113	20	30	32	61	29	48	32	13	14
7	16	30	162	21	28	79	123	25	55	62	12	12
8	15	24	103	40	38	152	96	23	64	24	13	13
9	14	18	149	25	44	70	67	20	93	30	18	12
10	15	21	117	23	39	59	58	21	57	97	17	13
11	14	118	82	20	35	48	52	18	65	235	17	12
12	12	105	67	20	30	40	52	17	127	72	13	12
13	12	49	56	112	30	38	43	16	64	94	13	11
14	11	37	49	93	122	36	39	17	47	500	14	11
15	8.8	32	43	55	67	33	37	39	40	602	13	11
16	11	28	40	43	50	31	33	24	32	142	11	11
17	9.0	26	37	36	43	32	30	20	29	101	21	11
18	9.2	24	37	31	39	27	30	18	25	71	57	13
19	109	25	34	30	36	27	29	15	24	56	22	11
20	52	24	31	28	34	24	27	16	23	50	22	10
21	25	131	31	27	64	25	31	18	21	44	23	12
22	18	308	36	25	43	53	41	15	21	38	20	13
23	18	365	89	24	43	58	40	14	19	31	21	10
24	33	1,130	43	21	77	39	28	14	17	29	22	10
25	20	227	35	21	48	32	26	13	16	28	21	11
26	17	117	34	22	39	31	52	14	16	22	16	149
27	16	143	29	20	e72	44	41	12	16	27	15	31
28	17	114	23	18	99	44	30	11	17	20	15	22
29	15	78	30	33	---	37	29	108	16	18	17	19
30	13	68	24	29	---	30	85	55	15	16	31	16
31	15	---	23	23	---	242	---	32	---	19	22	---
TOTAL	609.0	3,590	1,872	959	1,328	1,589	1,881	783	1,778	2,541	588	547
MEAN	19.6	120	60.4	30.9	47.4	51.3	62.7	25.3	59.3	82.0	19.0	18.2
MAX	109	1,130	162	112	122	242	275	108	244	602	57	149
MIN	8.8	13	23	18	23	24	26	11	15	15	11	10
CFSM	1.01	6.17	3.11	1.59	2.44	2.64	3.23	1.30	3.05	4.23	0.98	0.94
IN.	1.17	6.88	3.59	1.84	2.55	3.05	3.61	1.50	3.41	4.87	1.13	1.05

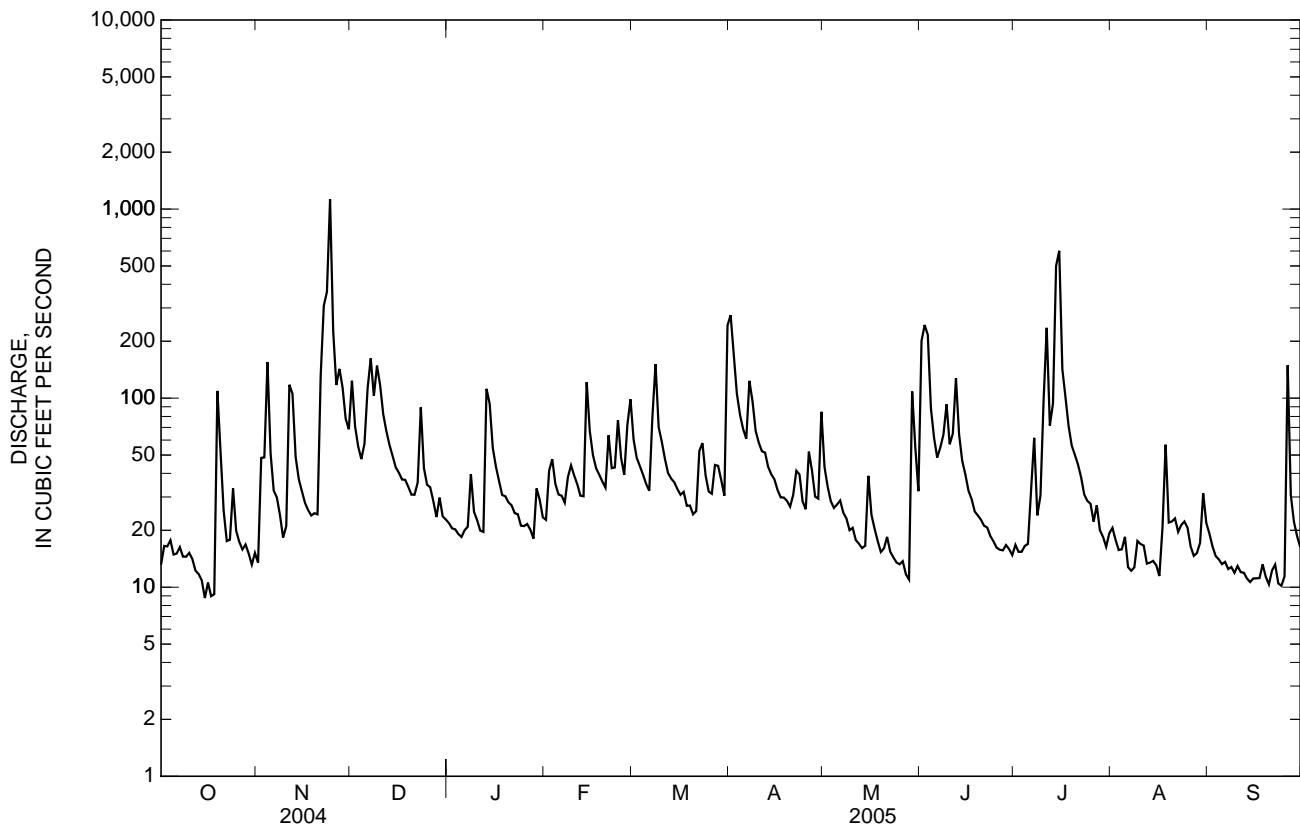
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	CFSM	IN.
(WY)	19.7	49.3	8.75	1.01	1.17
(WY)	35.6	120	11.1	6.17	6.88
(WY)	35.9	77.4	11.2	3.11	3.59
(WY)	57.9	147	8.79	1.59	1.84
(WY)	64.1	163	22.5	2.44	2.55
(WY)	68.8	126	39.5	2.64	3.05
(WY)	48.8	118	22.3	3.23	3.61
(WY)	33.8	217	10.4	1.30	1.50
(WY)	35.8	116	6.02	3.05	3.41
(WY)	32.9	99.7	7.65	4.23	4.87
(WY)	15.2	33.8	6.37	0.98	1.13
(WY)	24.5	81.1	6.21	0.94	1.05

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	16,482.8		18,065.0		39.6	
ANNUAL MEAN	45.0		49.5		67.5	
HIGHEST ANNUAL MEAN					24.6	
LOWEST ANNUAL MEAN					1,700	
HIGHEST DAILY MEAN	1,200	Sep 16	1,130	Nov 24	1,700	May 8, 2003
LOWEST DAILY MEAN	7.6	Aug 29	8.8	Oct 15	3.9	Nov 4, 2000
ANNUAL SEVEN-DAY MINIMUM	8.5	Aug 27	10	Oct 12	4.9	Oct 15, 2000
MAXIMUM PEAK FLOW			2,270	Jul 14	5,490	May 7, 2003
MAXIMUM PEAK STAGE			11.16	Jul 14	13.92	May 7, 2003
ANNUAL RUNOFF (CFSM)	2.32		2.55		2.04	
ANNUAL RUNOFF (INCHES)	31.61		34.64		27.73	
10 PERCENT EXCEEDS	81		102		73	
50 PERCENT EXCEEDS	21		29		21	
90 PERCENT EXCEEDS	10		13		8.7	

e Estimated



02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--September 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: September 1988 to current year.

WATER TEMPERATURE: September 1988 to current year.

DISSOLVED OXYGEN: September 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since September 1988.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 631 μ S/cm, Mar. 11, 1991; minimum, 68 μ S/cm, Sept. 14, 2004.

WATER TEMPERATURE: Maximum, 28.2°C, June 7, 1992; minimum, 4.0°C, Jan. 3, 2001.

DISSOLVED OXYGEN: Maximum, 16.4 mg/L, Jan. 13, 2001; minimum, 2.0 mg/L, Sept. 9, 1988.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 466 μ S/cm, Oct. 11; minimum, 78 μ S/cm, July 14, 15.

WATER TEMPERATURE: Maximum, 25.5°C, July 27; minimum, 7.4°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 12.2 mg/L, Mar. 20; minimum, 6.0 mg/L, Aug. 22.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	429	404	415	454	402	422	309	230	270	413	371	395
2	441	402	425	427	257	364	341	309	326	412	390	400
3	434	401	425	351	262	314	363	341	350	415	383	400
4	434	420	427	314	178	254	373	354	366	413	389	400
5	439	398	424	377	314	353	377	285	360	415	392	400
6	438	408	427	395	353	381	294	256	272	428	378	399
7	442	428	437	418	377	402	305	195	248	413	372	396
8	445	400	435	429	393	411	315	238	283	413	285	332
9	448	421	439	415	400	406	315	198	259	392	328	362
10	459	425	449	440	402	419	306	258	281	407	357	384
11	466	407	449	436	189	314	335	306	322	415	367	389
12	447	407	429	319	237	279	360	334	346	417	369	398
13	460	389	425	362	319	335	369	354	361	417	171	318
14	449	405	424	384	340	368	381	367	372	304	197	256
15	451	395	416	406	370	383	385	377	380	343	304	324
16	463	391	415	406	381	396	390	383	386	365	316	347
17	463	394	429	427	388	407	396	388	391	381	338	361
18	442	393	414	434	399	415	398	373	393	389	340	372
19	453	118	337	435	398	415	417	393	400	397	347	379
20	363	181	272	419	380	404	412	399	404	402	355	382
21	402	363	384	418	184	302	416	403	407	407	360	384
22	419	375	394	292	106	216	413	346	405	411	368	395
23	437	388	410	230	124	176	346	247	289	418	367	400
24	395	322	353	230	81	118	357	324	341	418	379	401
25	425	351	391	282	145	230	373	316	354	417	384	396
26	435	391	418	320	275	299	398	328	372	419	382	401
27	445	399	420	327	218	282	395	343	380	422	384	402
28	446	401	422	316	239	286	374	366	371	423	385	400
29	439	399	419	341	316	330	404	366	398	394	322	359
30	429	403	412	353	279	342	408	370	386	387	313	359
31	450	413	432	---	---	---	411	381	398	402	357	372
MONTH	466	118	412	454	81	334	417	195	351	428	171	376

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	406	357	387	337	284	316	233	151	190	350	268	309
2	384	303	345	355	311	339	275	195	234	377	350	364
3	346	295	319	374	317	355	306	273	290	384	361	375
4	373	322	336	379	332	363	328	306	317	388	368	378
5	375	348	362	381	348	371	350	328	339	388	372	380
6	386	343	373	389	356	375	356	305	347	373	359	368
7	390	354	377	391	145	341	305	224	273	390	365	375
8	388	323	362	265	145	220	308	255	284	397	372	388
9	371	315	346	313	251	297	334	299	317	396	378	386
10	369	320	343	339	307	323	351	315	342	402	376	390
11	381	335	364	357	310	341	364	342	359	413	366	386
12	386	340	366	364	332	353	366	336	357	415	377	395
13	390	350	372	372	336	361	378	351	369	415	375	393
14	381	189	258	374	336	363	385	351	373	418	373	396
15	329	260	303	394	350	368	391	365	382	387	271	327
16	352	311	336	393	353	371	394	377	387	369	296	340
17	371	327	352	389	339	367	399	368	384	394	344	375
18	377	346	368	384	355	372	405	377	390	434	359	385
19	389	348	377	393	357	377	405	379	394	409	367	388
20	402	335	380	393	361	382	408	373	393	403	356	384
21	345	270	313	392	363	379	412	319	378	401	354	381
22	372	313	352	382	248	328	385	301	353	403	354	374
23	376	285	358	319	243	297	374	313	350	411	364	385
24	327	236	292	354	307	331	397	353	377	415	369	389
25	357	305	336	363	327	350	398	376	387	415	370	394
26	367	319	352	373	330	358	393	275	342	413	370	390
27	374	230	360	370	291	330	367	271	324	417	368	388
28	301	199	263	348	314	333	388	344	365	414	368	386
29	---	---	---	368	317	345	388	332	371	414	156	262
30	---	---	---	377	331	356	377	218	284	333	184	272
31	---	---	---	377	145	217	---	---	---	363	314	337
MONTH	406	189	345	394	145	341	412	151	342	434	156	369
	JUNE			JULY			AUGUST			SEPTEMBER		
1	330	158	212	408	350	375	394	339	370	425	363	388
2	315	99	227	398	335	361	387	346	365	404	376	387
3	278	146	218	397	346	364	396	352	374	406	376	389
4	331	278	304	388	332	345	406	363	380	421	370	389
5	359	331	348	390	289	354	422	368	397	418	369	388

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.2	17.5	18.4	20.9	19.8	20.4	15.0	13.0	13.8	15.2	13.0	14.3
2	20.7	18.7	19.5	21.4	20.2	20.6	13.6	12.2	12.8	15.9	14.5	15.2
3	21.0	19.5	20.3	20.7	20.5	20.6	14.0	11.9	12.9	16.1	14.2	15.2
4	20.2	18.3	19.4	20.9	18.2	19.9	14.4	12.6	13.4	16.0	14.3	15.3
5	20.0	18.1	19.1	18.2	16.3	17.3	13.9	12.9	13.4	15.5	14.1	14.9
6	20.8	18.2	19.4	16.7	14.6	15.9	15.1	13.0	13.8	15.7	14.7	15.4
7	20.5	20.0	20.2	17.5	14.6	16.1	17.1	15.1	16.2	15.6	14.1	14.7
8	20.0	18.8	19.5	16.9	15.3	16.1	15.9	14.3	15.1	15.8	13.9	15.3
9	19.7	19.3	19.5	15.9	14.4	15.3	16.6	15.2	15.9	14.2	12.2	13.3
10	19.8	19.3	19.6	16.1	14.3	15.2	16.3	14.6	15.7	14.9	12.9	13.9
11	20.4	19.5	20.0	16.0	14.2	15.1	14.6	13.4	13.9	16.0	14.1	15.2
12	21.1	19.9	20.5	16.9	15.4	16.3	14.4	13.1	13.6	16.5	15.7	16.0
13	20.5	18.3	19.1	16.5	15.8	16.2	14.0	12.6	13.5	16.2	14.1	15.3
14	18.3	17.0	17.6	15.9	15.0	15.5	12.6	11.1	11.8	14.1	12.2	13.2
15	17.0	15.4	16.0	15.5	13.7	14.6	11.7	10.2	10.9	12.9	11.4	12.1
16	17.1	14.5	15.7	15.3	13.5	14.4	11.8	10.0	10.9	12.2	10.6	11.5
17	17.6	15.6	16.6	15.8	13.9	15.0	12.6	11.1	11.8	10.6	9.0	9.8
18	19.0	16.8	17.8	15.8	14.5	15.3	12.3	10.6	11.5	10.2	8.3	9.3
19	19.7	18.8	19.0	15.9	14.9	15.4	11.5	9.6	10.9	10.1	8.3	9.4
20	19.6	18.8	19.2	17.0	15.8	16.3	9.8	8.4	9.2	11.9	8.8	10.3
21	19.9	19.3	19.5	16.5	15.7	16.1	12.0	8.9	10.5	13.4	10.6	12.0
22	19.8	18.8	19.4	16.4	15.7	16.0	12.8	11.6	12.2	13.8	11.4	12.8
23	19.7	18.6	19.1	17.4	15.8	16.5	12.4	9.1	10.7	11.4	8.9	9.5
24	20.2	18.9	19.5	17.9	16.8	17.5	9.4	8.4	8.9	10.2	7.4	9.0
25	19.8	18.3	19.2	16.8	13.9	15.0	9.6	7.7	8.7	11.9	8.8	10.3
26	20.4	18.6	19.5	14.5	12.9	13.7	10.4	8.0	9.3	13.9	10.8	12.6
27	20.6	19.2	19.9	13.9	12.1	13.0	10.6	8.2	9.6	13.2	10.7	12.1
28	21.1	19.7	20.4	14.5	12.8	13.6	10.7	8.7	9.8	12.3	10.2	11.2
29	21.0	19.9	20.5	15.0	13.3	14.1	12.3	9.6	10.9	10.2	8.9	9.4
30	20.4	19.7	20.0	15.7	14.3	14.9	13.1	11.0	12.1	11.0	9.1	10.3
31	20.8	19.6	20.2	---	---	---	14.1	12.4	13.3	12.0	10.4	11.1
MONTH	21.1	14.5	19.1	21.4	12.1	16.1	17.1	7.7	12.2	16.5	7.4	12.6
FEBRUARY			MARCH			APRIL			MAY			
1	12.1	11.4	11.8	12.4	10.5	11.5	17.6	15.9	16.7	17.7	15.3	16.6
2	11.6	10.0	10.6	12.6	9.6	11.2	16.6	14.6	15.5	17.8	15.0	16.4
3	11.1	9.9	10.5	13.3	11.5	12.3	17.3	13.6	15.3	17.4	15.1	16.2
4	12.1	9.6	10.9	14.3	11.0	12.7	18.2	14.2	16.1	17.4	14.7	16.1
5	12.7	10.2	11.4	15.5	12.2	13.8	19.1	15.6	17.2	17.0	15.5	16.2
6	13.4	11.0	12.3	14.9	12.1	13.6	17.5	16.1	16.7	17.8	15.6	16.6
7	14.9	12.1	13.5	14.0	11.9	13.0	17.9	16.4	17.0	19.0	15.8	17.3
8	14.8	14.0	14.4	13.6	11.9	12.7	17.1	16.2	16.7	19.5	16.5	18.0
9	14.6	13.8	14.4	12.6	11.0	11.8	19.6	15.7	17.5	19.3	17.2	18.4
10	13.8	11.5	12.6	13.3	11.4	12.2	20.0	16.7	18.3	19.9	17.7	18.9
11	12.5	10.2	11.4	14.4	11.9	13.0	18.8	17.6	18.2	20.1	17.8	19.1
12	13.4	10.2	11.9	15.7	11.8	13.7	19.1	17.2	18.1	20.7	18.4	19.6
13	13.6	12.5	13.1	17.1	13.8	15.5	18.0	16.3	17.0	20.6	18.7	19.7
14	14.0	11.8	13.0	17.0	14.8	15.7	17.6	15.7	16.5	20.6	18.6	19.7
15	15.0	12.6	13.8	15.2	13.3	14.4	18.4	15.0	16.8	20.4	19.0	19.7
16	15.2	14.2	14.7	14.3	12.9	13.5	18.7	15.9	17.2	19.2	17.3	18.3
17	14.2	12.5	13.4	12.9	12.3	12.6	18.8	15.4	17.2	19.4	16.8	18.1
18	13.6	11.1	12.4	14.3	11.5	12.9	19.2	15.9	17.6	20.0	17.3	18.7
19	13.1	11.4	12.3	14.2	12.1	13.3	18.9	16.3	17.8	20.5	18.2	19.5
20	13.8	12.8	13.3	15.6	12.7	14.2	19.4	16.0	17.9	20.2	19.2	19.8
21	16.0	13.1	14.5	16.4	14.2	15.3	19.0	16.8	18.0	20.5	18.6	19.6
22	17.0	14.8	15.8	15.6	14.5	14.9	19.0	17.4	18.1	20.4	18.5	19.6
23	16.3	14.1	15.2	16.2	14.6	15.3	18.5	16.3	17.2	21.2	19.2	20.2
24	15.1	14.0	14.6	17.4	13.6	15.6	16.3	14.1	15.3	21.9	19.2	20.5
25	15.0	12.6	13.8	18.7	14.7	16.7	15.6	13.4	14.7	20.7	18.7	19.7
26	14.4	11.6	13.2	19.6	15.7	17.8	16.0	14.5	15.2	20.3	17.9	19.1
27	13.5	11.4	13.1	18.6	17.1	17.9	17.6	14.7	15.9	20.9	18.1	19.5
28	12.1	10.9	11.6	17.1	14.2	15.2	17.9	14.5	16.1	21.1	19.3	20.1
29	---	---	---	17.9	13.2	15.4	19.3	16.8	17.7	20.2	18.4	19.3
30	---	---	---	19.0	14.8	16.8	18.5	16.9	17.8	18.7	18.1	18.4
31	---	---	---	17.9	16.4	16.9	---	---	---	19.1	18.2	18.6
MONTH	17.0	9.6	13.0	19.6	9.6	14.2	20.0	13.4	16.9	21.9	14.7	18.6

MOBILE RIVER BASIN

02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.5	7.7	8.0	8.0	6.9	7.2	9.8	9.2	9.6	11.1	9.3	10.0
2	8.6	7.6	8.0	7.7	6.7	7.2	10.2	9.5	9.8	10.7	9.2	9.8
3	8.3	7.3	7.8	7.6	7.1	7.4	10.0	8.8	9.4	10.8	9.1	9.8
4	8.6	7.7	8.1	8.0	7.4	7.8	9.3	8.8	9.0	10.9	9.1	9.7
5	8.6	7.5	8.0	8.7	8.0	8.4	9.3	8.8	9.0	10.5	8.7	9.5
6	8.8	7.8	8.1	9.1	8.4	8.6	9.2	8.7	9.0	10.0	8.4	9.0
7	8.3	7.8	8.0	9.1	8.3	8.7	8.7	8.2	8.4	10.2	8.7	9.2
8	8.7	7.6	8.1	9.2	8.3	8.6	9.1	8.4	8.8	9.3	8.3	8.8
9	8.2	7.6	7.9	9.3	8.5	8.8	8.8	8.3	8.5	10.4	8.8	9.4
10	8.2	7.5	7.8	9.6	8.5	8.9	8.9	8.4	8.6	10.3	8.8	9.4
11	8.2	7.2	7.7	9.7	8.7	9.2	9.5	8.9	9.2	10.0	8.3	9.0
12	7.9	7.0	7.4	9.2	8.6	8.9	9.9	9.2	9.5	9.5	8.0	8.5
13	7.9	6.9	7.4	9.1	8.6	8.8	10.0	9.2	9.6	8.9	7.9	8.4
14	8.6	7.6	8.0	9.6	8.8	9.1	11.1	9.7	10.3	9.4	8.7	9.0
15	8.9	7.9	8.4	9.9	9.0	9.3	11.2	10.4	10.7	10.0	8.9	9.3
16	9.2	8.2	8.6	10.0	9.1	9.4	11.0	10.2	10.6	10.0	8.9	9.4
17	9.1	8.0	8.5	10.1	9.1	9.4	10.8	9.9	10.3	---	---	---
18	8.7	7.6	8.1	9.8	8.9	9.2	10.9	9.9	10.4	---	---	---
19	8.5	7.0	7.6	9.1	8.7	8.9	11.0	10.2	10.6	---	---	---
20	8.0	7.7	7.9	9.3	8.4	8.7	11.8	10.9	11.2	11.4	9.5	10.4
21	8.0	7.7	7.9	9.4	8.3	8.9	11.5	10.2	11.0	10.9	9.3	9.9
22	8.2	7.5	7.8	9.4	8.9	9.1	10.4	9.8	10.1	10.6	9.2	9.7
23	8.4	7.4	7.8	8.9	8.6	8.7	11.1	10.2	10.6	11.6	9.4	10.6
24	8.0	7.4	7.7	8.9	8.0	8.5	12.0	11.1	11.5	11.7	10.1	10.8
25	8.1	7.4	7.7	9.4	8.0	9.0	12.0	11.1	11.5	11.7	9.7	10.5
26	8.3	7.2	7.7	10.0	9.3	9.6	11.9	10.9	11.4	11.1	9.2	10.0
27	8.1	7.1	7.5	10.2	9.2	9.6	11.9	10.9	11.4	11.4	9.1	10.1
28	8.0	7.0	7.4	9.8	9.4	9.6	11.9	10.8	11.3	10.9	9.2	10.1
29	7.9	6.8	7.2	9.8	9.1	9.4	11.8	10.4	11.1	10.7	9.9	10.3
30	7.7	6.9	7.2	9.4	8.7	9.1	11.4	10.1	10.7	11.0	9.8	10.3
31	8.1	7.0	7.4	---	---	---	11.2	9.6	10.3	11.4	9.6	10.3
MONTH	9.2	6.8	7.8	10.2	6.7	8.8	12.0	8.2	10.1	11.7	7.9	9.7
FEBRUARY			MARCH			APRIL			MAY			
1	10.9	9.4	10.0	11.7	9.9	10.7	9.6	8.9	9.2	10.4	8.3	9.1
2	10.4	9.6	10	11.7	9.8	10.7	10.2	9.2	9.7	10.2	8.7	9.3
3	10.6	9.7	10.1	11.5	9.5	10.2	10.9	9.1	10	10.3	8.7	9.4
4	11.3	9.7	10.3	11.5	9.3	10.2	10.8	8.7	9.7	10.4	8.8	9.5
5	11.3	9.7	10.3	11.3	9.0	9.9	10.5	8.4	9.3	9.8	8.7	9.2
6	11.4	9.6	10.3	11.7	9.0	10.0	9.9	8.3	8.8	9.7	8.1	9.0
7	11.4	9.2	10.2	10.8	9.1	9.8	9.3	8.0	8.6	9.4	8.1	8.8
8	10.1	9.0	9.5	10.0	9.4	9.7	9.3	7.9	8.6	9.3	7.5	8.5
9	9.8	8.9	9.4	10.7	9.5	10.1	9.8	7.8	8.7	8.7	6.9	7.8
10	11.3	9.2	10.1	11.1	9.4	10.2	9.8	7.8	8.5	9.5	6.5	8.2
11	11.9	9.8	10.7	11.2	9.3	10.0	9.6	7.7	8.4	8.8	7.5	8.2
12	11.9	9.6	10.5	11.2	8.7	9.8	9.3	7.6	8.2	8.8	7.4	8.0
13	10.5	9.3	9.8	11.0	8.4	9.4	9.7	7.5	8.8	8.7	7.4	7.9
14	10.2	9.3	9.8	11.3	8.3	9.4	10.4	8.7	9.2	8.7	7.3	7.9
15	10.7	9.2	9.8	11.7	8.7	9.8	10.5	8.4	9.4	7.6	6.9	7.3
16	10.0	8.8	9.3	9.9	8.6	9.2	10.4	8.4	9.2	8.7	7.1	7.8
17	11.2	9.1	10.0	10.5	8.9	9.7	10.5	8.3	9.2	8.8	7.5	8.0
18	11.6	9.6	10.4	12.1	9.3	10.4	10.2	8.2	9.0	8.6	7.5	7.9
19	11.6	9.6	10.3	11.7	9.1	10.1	10.2	8.2	9.0	8.6	7.2	7.8
20	10.9	9.4	9.9	12.2	8.9	10.2	10.0	8.0	8.8	8.2	7.0	7.5
21	10.4	8.8	9.6	12.0	8.6	9.8	9.5	6.9	8.3	8.3	6.9	7.6
22	10.8	8.7	9.5	9.6	8.4	8.9	8.3	6.9	7.7	8.5	7.2	7.8
23	11.3	8.6	9.7	10.5	8.4	9.3	8.8	7.3	8.0	8.5	7.3	7.8
24	10.0	9.0	9.4	11.5	8.5	9.6	9.8	8.1	9.0	8.3	7.1	7.6
25	11.4	9.1	10.0	11.4	8.0	9.3	10.4	8.8	9.6	8.5	7.2	7.7
26	11.7	9.3	10.2	11.6	8.0	9.3	9.7	8.7	9.3	8.6	7.4	7.9
27	10.6	9.2	9.9	9.8	7.6	8.4	9.6	8.5	9.0	8.6	7.4	7.9
28	10.5	10.0	10.3	10.4	7.8	9.0	10.1	8.4	9.2	8.5	7.3	7.8
29	---	---	---	11.9	8.6	9.9	9.5	8.1	8.8	8.0	7.3	7.6
30	---	---	---	12.1	8.3	9.7	8.6	7.8	8.3	7.7	7.4	7.5
31	---	---	---	9.3	8.3	9.0	---	---	---	7.8	7.2	7.5
MONTH	11.9	8.6	10.0	12.2	7.6	9.7	10.9	6.9	8.9	10.4	6.5	8.1

02423414 LITTLE CAHABA RIVER AT CAHABA BEACH ROAD NEAR CAHABA HEIGHTS, AL

LOCATION.--Lat 33°26'23", long 86°41'56", in NE ¼ sec. 25, T. 18 S., R. 2 W., Shelby County, Hydrologic Unit 0315202, on right bank, 1.3 mi from mouth, 1.5 mi southeast of Cahaba Heights, and 3.9 mi southwest of Lake Purdy dam.

DRAINAGE AREA.--47.1 mi².

PERIOD OF RECORD.--August 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 450 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Nov. 23 - Dec. 14, Feb. 27, and Sept. 16-20. Water-stage records good except those estimated, which are poor. Flow completely regulated by Lake Purdy Reservoir. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,680 ft³/s, Nov. 24, 2004, gage height, 10.46 ft; minimum discharge, 0.64 ft³/s, Oct. 17, 2003, gage height, 0.76 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,680 ft³/s, Nov. 24, gage height, 10.46 ft; minimum discharge, 0.99 ft³/s, Oct. 26, 27, gage height, 0.78 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	15	e235	59	71	161	627	115	311	38	43	33
2	60	42	e145	57	100	133	578	84	262	48	44	32
3	59	113	e97	55	119	119	312	66	429	78	38	66
4	59	225	e70	53	108	107	217	57	236	84	34	121
5	60	160	e105	51	96	99	173	51	152	57	34	70
6	60	102	e210	54	88	88	152	50	122	65	43	87
7	59	76	e360	56	81	113	219	49	122	152	38	84
8	59	61	e170	104	108	283	248	47	132	109	38	71
9	59	48	e320	93	133	217	196	45	154	76	35	68
10	59	40	e265	76	131	175	157	44	176	153	38	89
11	39	117	e220	67	113	147	135	43	209	572	37	72
12	47	203	e185	64	100	123	128	47	246	267	33	66
13	46	144	e165	106	96	111	113	57	198	173	39	72
14	47	104	e130	221	200	104	100	75	145	162	67	72
15	61	79	108	170	197	92	89	58	112	752	48	72
16	60	68	98	135	161	97	79	40	89	367	49	e70
17	61	62	91	111	134	92	71	34	73	207	48	e68
18	59	57	85	96	113	84	67	36	62	140	67	e67
19	56	64	82	87	102	76	64	34	55	107	118	e66
20	3.5	65	74	82	99	72	58	41	49	89	73	e68
21	1.6	135	69	79	140	71	58	59	65	80	52	71
22	1.4	474	81	77	129	102	62	48	95	72	79	74
23	1.6	e560	133	68	120	161	69	40	68	63	120	79
24	5.4	e1,800	119	61	172	136	60	35	54	54	157	61
25	2.0	e700	96	60	149	115	52	36	47	49	94	65
26	1.3	e220	83	60	125	103	77	57	43	46	60	74
27	3.9	e250	75	59	e110	151	97	68	47	43	45	37
28	2.4	e170	68	58	180	146	75	59	46	54	59	35
29	1.5	e140	64	84	---	128	62	44	36	55	103	34
30	2.5	e125	64	83	---	111	102	107	31	52	54	59
31	9.7	---	62	74	---	335	---	105	---	42	27	---
TOTAL	1,091.8	6,419	4,129	2,560	3,475	4,052	4,497	1,731	3,866	4,306	1,814	2,003
MEAN	35.2	214	133	82.6	124	131	150	55.8	129	139	58.5	66.8
MAX	61	1,800	360	221	200	335	627	115	429	752	157	121
MIN	1.3	15	62	51	71	71	52	34	31	38	27	32
CFSM	0.75	4.55	2.83	1.76	2.64	2.78	3.19	1.19	2.74	2.96	1.25	1.42
IN.	0.86	5.08	3.27	2.03	2.75	3.21	3.56	1.37	3.06	3.41	1.44	1.59

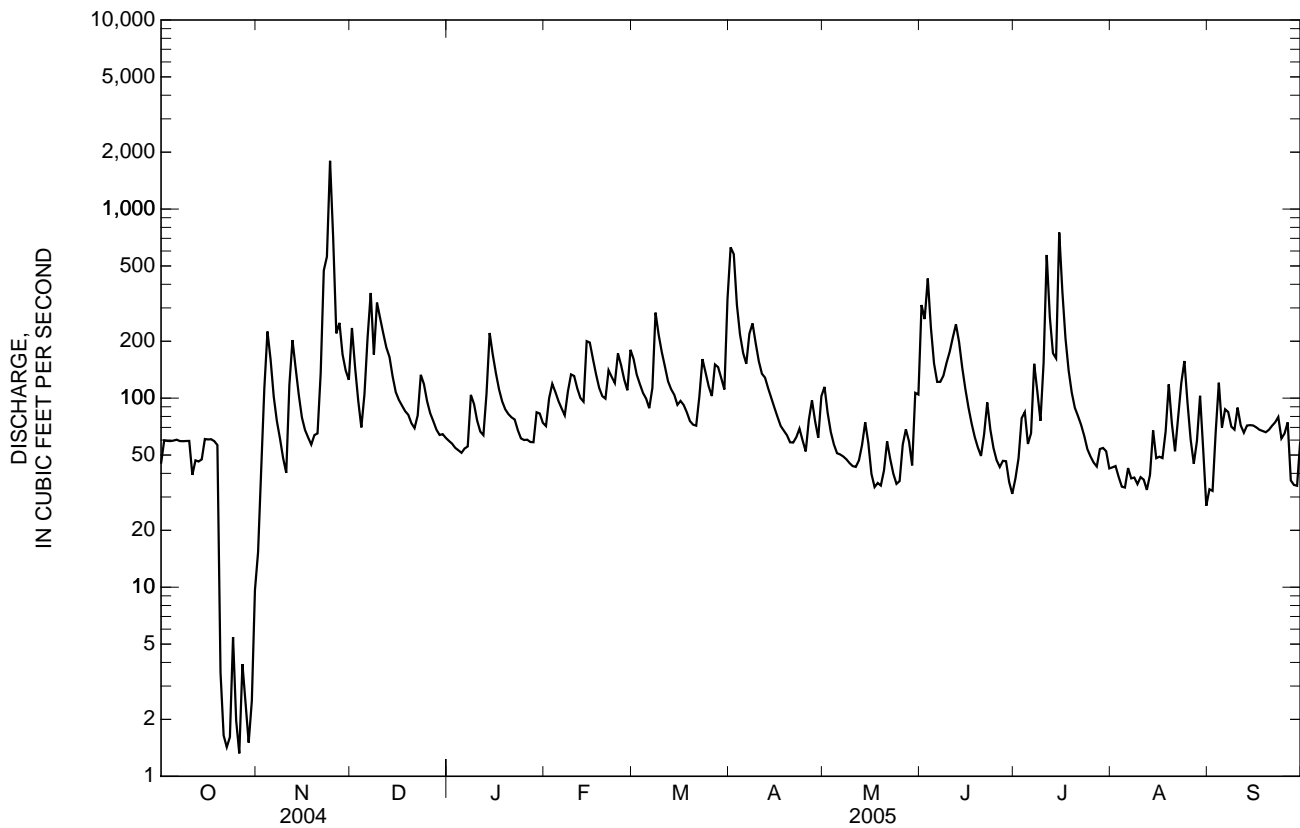
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

MEAN	50.2	135	80.3	81.8	179	117	110	62.8	85.9	97.2	78.7	98.3
MAX	65.2	214	133	82.6	231	131	150	69.7	129	139	117	164
(WY)	(2004)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2004)	(2005)	(2005)	(2003)	(2004)
MIN	35.2	56.6	27.5	81.1	124	104	69.7	55.8	42.9	55.5	58.5	64.6
(WY)	(2005)	(2004)	(2004)	(2004)	(2005)	(2004)	(2004)	(2005)	(2004)	(2004)	(2005)	(2003)

02423414 LITTLE CAHABA RIVER AT CAHABA BEACH ROAD NEAR CAHABA HEIGHTS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2003 - 2005	
ANNUAL TOTAL	38,131.1		39,943.8		97.1	
ANNUAL MEAN	104		109		109	
HIGHEST ANNUAL MEAN					84.9	
LOWEST ANNUAL MEAN					109	
HIGHEST DAILY MEAN	1,990	Sep 17	1,800	Nov 24	1,990	Sep 17, 2004
LOWEST DAILY MEAN	1.3	Oct 26	1.3	Oct 26	1.3	Oct 26, 2004
ANNUAL SEVEN-DAY MINIMUM	2.4	Oct 20	2.4	Oct 20	2.4	Oct 20, 2004
MAXIMUM PEAK FLOW			2,680	Nov 24	2,680	Nov 24, 2004
MAXIMUM PEAK STAGE			10.46	Nov 24	10.46	Nov 24, 2004
ANNUAL RUNOFF (CFSM)	2.22		2.33		2.07	
ANNUAL RUNOFF (INCHES)	30.18		31.62		28.08	
10 PERCENT EXCEEDS	199		199		170	
50 PERCENT EXCEEDS	60		75		65	
90 PERCENT EXCEEDS	27		39		30	

e Estimated



02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL

LOCATION.--Lat 33°24'56", long 86°44'23", in NW 1/4 sec. 3, T. 19 S., R. 2 W., Shelby County, Hydrologic Unit 03150202, on left bank 700 ft upstream from bridge on county road, 2.5 mi upstream from Little Shades Creek, 3.0 mi south of Cahaba Heights, 3.4 mi downstream from Little Cahaba River, and at river mile 144.9.

DRAINAGE AREA.--201 mi².

PERIOD OF RECORD.--August 1975 to September 1985, July 1996 to current water year.

GAGE.--Water-stage recorder and concrete control. Elevation of gage is 410 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Oct. 21. Records fair except those estimated which are poor. An average of 82 ft³/s is diverted above station by Birmingham Water Works Board, and is not included in records. Flow partly regulated by Purdy Lake (capacity, 15,300 acre-ft) on Little Cahaba River. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	0730	8,400	17.74	Nov 24	2145	*14,800	*23.24

Minimum discharge, 4.4 ft³/s, May 27, 28, gage height, 1.38 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	13	870	144	146	616	3,040	699	987	43	105	24
2	7.8	53	673	140	253	483	2,610	358	1,070	91	124	15
3	10	222	526	124	359	396	1,060	231	1,790	91	83	9.2
4	11	721	428	114	326	351	714	164	611	75	57	59
5	9.3	539	384	108	275	311	553	122	379	43	37	47
6	9.8	327	600	119	246	259	458	138	281	60	60	14
7	7.9	223	1,040	128	213	349	758	99	264	398	71	11
8	7.1	160	1,170	343	320	1,210	727	80	439	224	97	12
9	9.8	115	1,090	278	409	758	589	62	513	117	72	6.9
10	22	82	1,190	210	423	583	477	58	465	418	74	6.3
11	22	541	791	182	360	464	406	48	516	2,180	65	21
12	8.3	1,200	581	169	314	385	412	35	732	793	50	6.6
13	7.3	802	452	291	289	335	333	22	612	551	50	5.6
14	8.5	500	369	803	883	345	252	47	411	596	134	8.5
15	12	328	342	554	782	360	202	69	288	2,720	113	9.5
16	18	245	298	414	569	330	172	69	204	1,100	116	13
17	13	197	261	328	448	309	145	32	135	703	144	18
18	12	160	237	265	368	266	124	18	101	475	197	10
19	57	163	217	226	316	230	108	13	76	411	261	17
20	687	170	188	204	297	200	90	38	53	356	81	20
21	e241	625	168	188	447	187	82	74	52	326	34	15
22	102	2,660	188	179	430	342	90	58	96	369	50	14
23	63	6,130	403	166	402	699	139	28	57	244	214	26
24	137	9,740	390	132	693	506	103	12	34	174	225	20
25	124	6,890	302	120	559	387	71	6.8	20	125	127	21
26	72	1,300	263	115	444	319	139	5.9	19	94	55	374
27	60	1,030	216	113	412	439	241	5.3	17	73	24	124
28	46	1,140	190	107	715	517	146	5.6	32	97	12	39
29	26	776	167	217	---	457	97	211	107	164	56	16
30	19	608	164	215	---	375	548	422	27	361	103	9.6
31	17	---	154	163	---	1,920	---	245	---	152	39	---
TOTAL	1,874.8	37,660	14,312	6,859	11,698	14,688	14,886	3,475.6	10,388	13,624	2,930	992.2
MEAN	60.5	1,255	462	221	418	474	496	112	346	439	94.5	33.1
MAX	687	9,740	1,190	803	883	1,920	3,040	699	1,790	2,720	261	374
MIN	7.1	13	154	107	146	187	71	5.3	17	43	12	5.6
CFSM	0.30	6.25	2.30	1.10	2.08	2.36	2.47	0.56	1.72	2.19	0.47	0.16
IN.	0.35	6.97	2.65	1.27	2.17	2.72	2.76	0.64	1.92	2.52	0.54	0.18

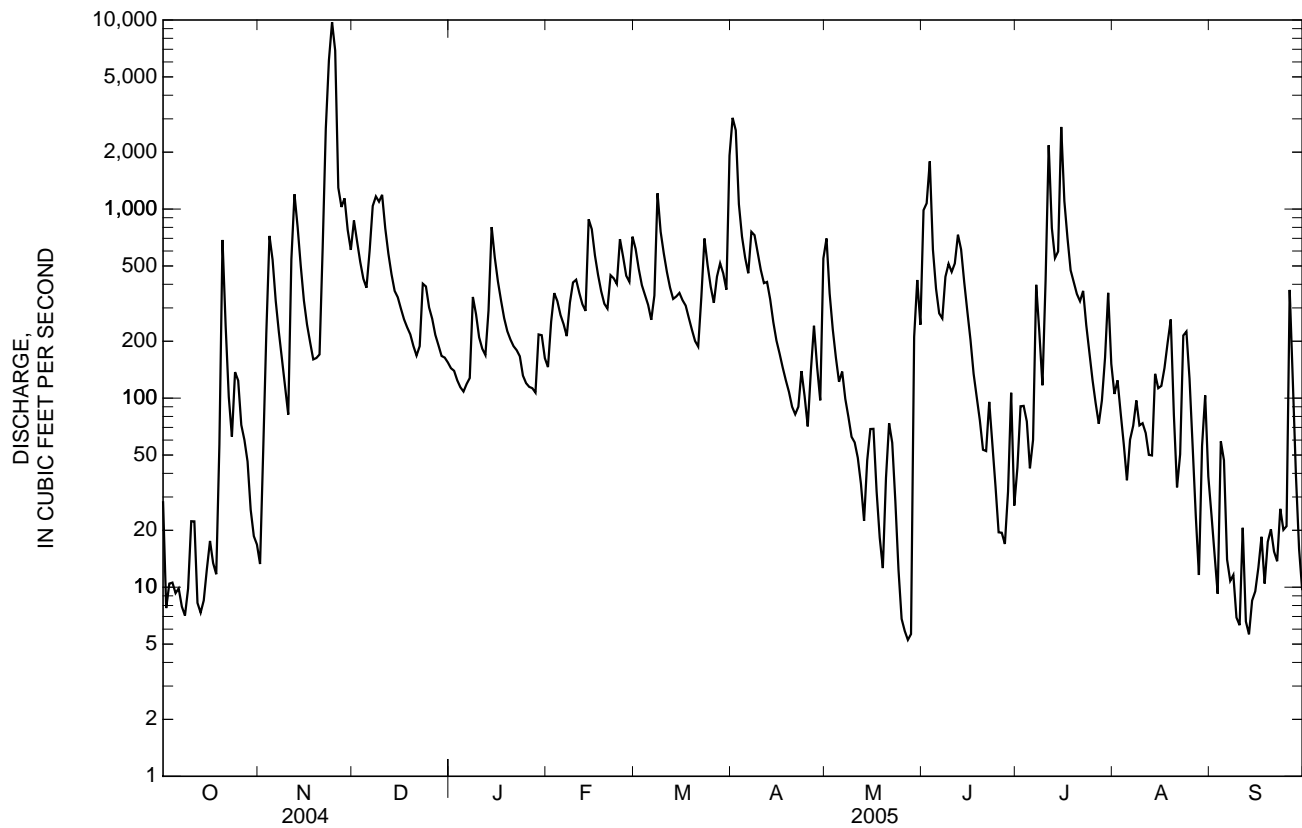
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1975	98.5	503	(1978)	1.14	(1979)
1976	201	1,255	(2005)	1.39	(1979)
1977	315	1,370	(1984)	6.69	(1981)
1978	442	1,189	(1998)	6.93	(1981)
1979	487	979	(1983)	74.0	(2000)
1980	690	1,783	(1976)	181	(1985)
1981	611	2,112	(1979)	66.9	(1978)
1982	319	1,782	(2003)	9.25	(1981)
1983	221	916	(1999)	8.64	(1981)
1984	117	439	(2005)	3.94	(1977)
1985	61.1	255	(1975)	1.97	(1977)
1986	123	720	(2004)	2.45	(1978)

02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	132,896.8		133,387.6		305	
ANNUAL MEAN	363		365		508	
HIGHEST ANNUAL MEAN					103	
LOWEST ANNUAL MEAN					19,300	
HIGHEST DAILY MEAN	12,000	Sep 17	9,740	Nov 24		2003
LOWEST DAILY MEAN	1.7	Jun 13	5.3	May 27		1981
ANNUAL SEVEN-DAY MINIMUM	5.3	Aug 2	9.0	Oct 2		Apr 13, 1979
MAXIMUM PEAK FLOW			14,800	Nov 24	23,400	Oct 26, 1978
MAXIMUM PEAK STAGE			23.24	Nov 24	28.86	Oct 26, 1978
ANNUAL RUNOFF (CFSM)	1.81		1.82		1.52	Apr 13, 1979
ANNUAL RUNOFF (INCHES)	24.60		24.69		20.63	
10 PERCENT EXCEEDS	703		717		700	
50 PERCENT EXCEEDS	117		188		85	
90 PERCENT EXCEEDS	8.0		15		4.6	

e Estimated



02423496 CAHABA RIVER NEAR HOOVER, AL

LOCATION.--Lat 33°22'09", long 86°47'03", in NE ¼ sec. 19, T. 19 S., R. 2 W., Jefferson County, Hydrologic Unit 03150202, upstream of Cahaba River Sewage Treatment Plant, 1.1 mi upstream from U.S. Highway 31, 2.1 mi upstream from station 02423500, and at mile 138.9.

DRAINAGE AREA.--226 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 379.56 ft above NGVD of 1929 (levels by Jefferson County Engineering Department).

REMARKS.--Estimated daily discharge: Dec. 9-13, Feb. 27, Aug. 9, 10, 13-15. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	1215	8,700	27.17	Mar 31	2300	4,770	17.63
Nov 25	0230	*14,000	*33.77	Jul 15	0900	4,980	18.19

Minimum discharge, 12 ft³/s, on several days, gage height, 2.83 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37	20	1,430	146	141	854	4,340	1,270	1,710	39	156	45
2	19	55	1,110	140	298	612	3,820	488	1,450	90	126	32
3	17	254	806	129	425	441	1,960	290	2,750	141	84	25
4	18	1,120	594	115	369	362	1,190	201	1,050	95	53	54
5	16	831	508	113	287	308	835	152	551	59	39	69
6	15	397	978	113	242	252	676	157	393	81	65	27
7	14	242	1,550	121	211	408	1,190	130	355	559	127	27
8	13	157	2,110	477	360	1,940	1,190	104	645	316	119	23
9	12	110	e1,940	336	527	1,270	903	90	854	162	e77	20
10	19	79	e2,290	216	534	891	661	78	716	570	e77	16
11	25	934	e1,440	179	421	641	489	71	839	3,220	73	23
12	17	1,940	e1,000	163	334	490	509	53	1,280	1,490	53	21
13	13	1,280	e717	358	291	374	388	49	1,050	830	e51	15
14	12	649	539	1,190	1,420	352	306	57	624	874	e200	15
15	13	353	411	818	1,250	397	227	107	396	3,440	e357	17
16	19	247	333	523	804	359	182	95	272	1,990	283	18
17	19	189	286	382	570	329	161	58	179	1,020	295	22
18	17	148	255	287	407	282	139	37	135	599	207	20
19	77	156	231	243	307	237	124	32	100	445	403	19
20	1,030	160	200	210	281	202	107	66	76	374	139	25
21	286	767	175	195	542	185	101	132	61	472	85	23
22	130	3,620	203	181	490	548	103	78	115	473	65	17
23	89	7,700	490	167	472	1,060	146	49	78	273	422	21
24	204	9,520	496	137	1,030	710	124	34	54	172	441	25
25	146	10,200	329	117	780	500	88	24	39	120	204	17
26	79	2,510	280	119	560	385	191	21	35	87	105	1,220
27	53	1,720	231	114	e748	755	295	19	36	71	63	248
28	62	1,960	194	105	960	776	168	18	28	82	39	96
29	35	1,250	176	259	---	674	113	279	125	127	62	49
30	26	920	169	234	---	503	645	707	51	410	185	21
31	21	---	160	162	---	2,400	---	362	---	163	62	---
TOTAL	2,553	49,488	21,631	8,049	15,061	19,497	21,371	5,308	16,047	18,844	4,717	2,270
MEAN	82.4	1,650	698	260	538	629	712	171	535	608	152	75.7
MAX	1,030	10,200	2,290	1,190	1,420	2,400	4,340	1,270	2,750	3,440	441	1,220
MIN	12	20	160	105	141	185	88	18	28	39	39	15
CFSM	0.36	7.30	3.09	1.15	2.38	2.78	3.15	0.76	2.37	2.69	0.67	0.33
IN.	0.42	8.15	3.56	1.32	2.48	3.21	3.52	0.87	2.64	3.10	0.78	0.37

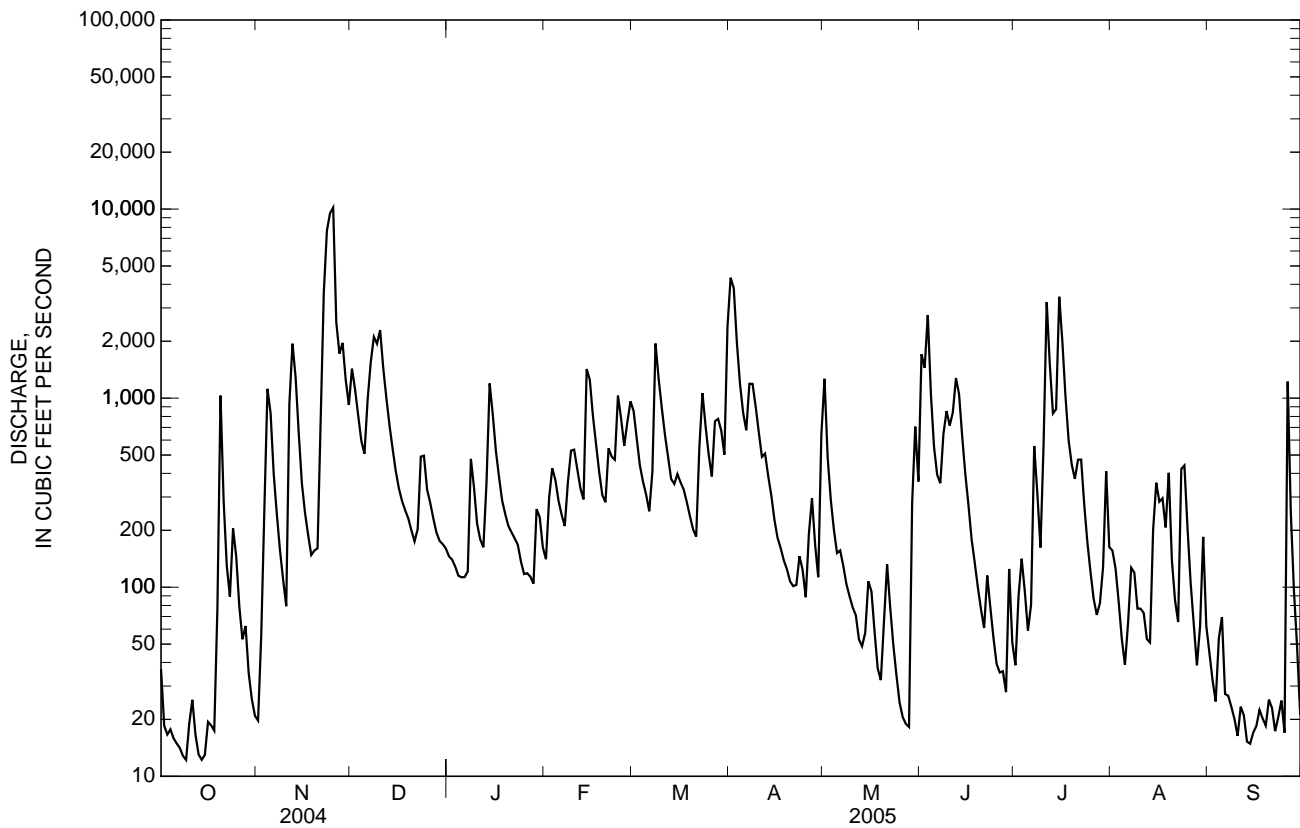
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	126	335	359	660	690	803	487	297	287	213	83.0	184
MAX	690	1,650	988	1,469	1,819	1,524	1,324	2,540	1,219	709	329	817
(WY)	(1996)	(2005)	(2003)	(1998)	(1990)	(1996)	(2000)	(2003)	(1997)	(1989)	(1992)	(2001)
MIN	4.67	18.5	25.4	170	89.0	359	108	11.4	4.61	13.0	7.75	3.22
(WY)	(2001)	(1991)	(2001)	(1991)	(2000)	(1992)	(1990)	(1992)	(1988)	(1995)	(2002)	(1990)

02423496 CAHABA RIVER NEAR HOOVER, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	175,366		184,836		379	
ANNUAL MEAN	479		506		736	
HIGHEST ANNUAL MEAN					205	
LOWEST ANNUAL MEAN					15,100	
HIGHEST DAILY MEAN	11,900	Sep 17	10,200	Nov 25	1.5	May 8, 2003
LOWEST DAILY MEAN	11	Jun 13	12	Oct 9	1.7	Oct 13, 2000
ANNUAL SEVEN-DAY MINIMUM	13	Aug 27	15	Oct 3	20,400	May 8, 2003
MAXIMUM PEAK FLOW			14,000	Nov 25	38.59	May 8, 2003
MAXIMUM PEAK STAGE			33.77	Nov 25	1.68	
ANNUAL RUNOFF (CFSM)	2.12		2.24		22.81	
ANNUAL RUNOFF (INCHES)	28.87		30.42		906	
10 PERCENT EXCEEDS	1,060		1,190		117	
50 PERCENT EXCEEDS	124		204		9.3	
90 PERCENT EXCEEDS	17		23			

e Estimated



02423496 CAHABA RIVER NEAR HOOVER, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1988 to current year.

WATER TEMPERATURE: November 1988 to current year.

DISSOLVED OXYGEN: November 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since November 1988.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 421 μ S/cm, Sept. 20, 2002; minimum, 29 μ S/cm, May 4, 5, 1997.

WATER TEMPERATURE: Maximum, 34.1°C, June 8, 1990; minimum, 0.5°C, Dec. 24, 1989.

DISSOLVED OXYGEN: Maximum, 17.1 mg/L, Mar. 6, 2002; minimum, 0.5 mg/L, Sept. 28, 1995.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 347 μ S/cm, Sept. 21; minimum, 70 μ S/cm, Aug. 15.

WATER TEMPERATURE: Maximum, 30.4°C, July 26; minimum, 4.8°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 16.2 mg/L, Jan. 25; minimum, 4.6 mg/L, Sept. 14.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	224	214	219	222	215	220	151	144	147	219	212	216
2	230	222	226	223	152	203	154	147	151	219	213	215
3	240	230	235	221	199	210	156	149	152	214	206	211
4	244	238	241	199	171	179	161	155	158	215	206	211
5	---	---	---	185	175	182	163	159	161	216	210	213
6	---	---	---	175	169	171	161	155	159	217	212	213
7	250	250	250	174	170	172	162	148	156	215	212	213
8	258	250	254	179	172	175	148	134	138	215	149	188
9	267	258	263	188	176	183	142	131	136	196	188	192
10	285	267	272	194	181	187	141	131	136	201	196	199
11	285	273	276	203	127	168	146	138	142	204	200	202
12	288	283	285	166	136	151	153	145	148	208	202	206
13	295	287	290	149	143	147	160	152	155	207	165	193
14	301	295	298	149	143	146	168	158	162	186	167	174
15	301	297	300	158	148	153	176	168	171	182	166	175
16	297	292	294	162	156	158	181	158	177	168	161	164
17	296	290	293	168	161	163	188	181	184	173	168	170
18	291	287	288	174	168	171	191	187	189	175	172	173
19	304	135	272	182	171	177	196	191	194	181	175	177
20	256	196	223	183	178	181	202	196	200	185	180	182
21	216	143	164	185	148	168	210	199	206	187	184	185
22	151	143	146	162	106	129	214	200	209	191	187	189
23	167	108	154	116	93	103	201	196	198	197	188	192
24	164	108	153	121	100	108	201	193	196	200	192	195
25	161	152	158	128	98	110	206	201	204	208	200	204
26	171	156	163	140	128	135	209	199	204	213	207	210
27	195	169	175	144	139	141	202	198	200	212	208	209
28	189	178	183	145	141	143	206	202	204	218	209	214
29	193	188	190	146	144	145	210	203	207	218	193	202
30	205	192	199	148	146	147	213	203	208	201	196	200
31	215	204	212	---	---	---	215	208	211	206	200	204
MONTH	304	108	230	223	93	161	215	131	176	219	149	196

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	215	206	211	174	160	166	121	108	117	192	167	178
2	215	177	200	167	159	162	128	120	123	189	174	177
3	203	193	198	169	166	167	135	125	130	191	178	185
4	193	190	192	181	169	173	143	135	139	187	178	181
5	195	189	191	185	180	183	149	143	145	186	181	184
6	197	194	196	191	185	189	153	146	150	198	178	186
7	197	191	194	195	140	183	151	142	147	198	178	185
8	197	181	190	169	138	153	155	147	151	200	194	198
9	184	176	180	151	145	147	158	150	154	216	197	206
10	183	179	180	159	151	154	162	158	159	219	216	218
11	186	182	184	168	159	162	167	162	164	225	217	221
12	187	183	185	172	167	169	169	164	167	235	220	229
13	187	179	184	175	171	173	181	168	172	241	231	235
14	179	134	155	183	175	180	193	181	189	250	241	246
15	164	148	158	182	170	174	198	191	194	251	199	232
16	164	156	159	186	175	182	201	193	197	244	234	239
17	170	164	166	187	184	186	206	195	200	247	244	247
18	173	166	170	186	181	183	205	193	197	252	247	249
19	177	172	174	193	185	188	205	193	199	254	252	253
20	185	174	179	194	190	192	205	199	202	257	175	242
21	178	159	173	197	191	194	206	198	203	244	173	224
22	182	173	177	206	118	178	209	203	206	241	228	234
23	188	157	181	172	140	162	208	200	206	248	241	247
24	173	157	164	172	153	164	201	188	194	249	247	248
25	170	162	165	173	162	168	199	191	195	255	249	253
26	173	165	169	174	154	170	197	170	185	260	255	258
27	175	162	171	167	121	156	192	181	188	265	260	263
28	174	159	166	166	159	163	191	180	186	268	265	266
29	---	---	---	164	158	161	198	181	188	268	126	221
30	---	---	---	163	161	162	204	186	197	242	175	203
31	---	---	---	164	108	139	---	---	---	213	195	204
MONTH	215	134	179	206	108	170	209	108	175	268	126	223
	JUNE			JULY			AUGUST			SEPTEMBER		
1	197	159	169	246	236	241	196	122	180	237	228	233
2	175	143	170	250	236	244	198	141	179	241	235	239
3	143	118	128	239	185	213	214	198	209	245	235	241
4	149	136	143	215	185	201	216	213	214	252	237	244
5	158	149	154	226	215	221	231	215	220	274	243	256

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.1	20.4	21.3	22.2	21.0	21.6	14.0	12.8	13.5	9.9	8.3	9.0
2	22.7	21.1	21.9	22.1	21.5	21.7	12.8	11.8	12.4	11.0	9.5	10.3
3	23.5	22.0	22.6	21.8	21.3	21.6	11.8	11.3	11.5	11.6	10.0	10.9
4	22.5	20.9	21.7	21.4	20.0	20.9	11.5	10.9	11.2	12.4	10.7	11.6
5	22.0	20.8	21.3	20.0	18.0	19.0	11.4	10.7	11.0	12.1	11.0	11.6
6	22.2	20.5	21.2	18.0	17.0	17.4	12.5	11.4	11.9	12.6	12.0	12.3
7	21.9	21.1	21.5	17.1	16.1	16.7	14.4	12.5	13.7	13.0	11.7	12.2
8	21.4	20.7	21.0	16.5	15.6	16.1	14.4	14.0	14.2	14.5	12.1	13.1
9	20.9	20.4	20.6	15.9	14.9	15.4	15.0	14.0	14.5	12.4	11.2	11.8
10	20.7	20.5	20.6	15.4	14.1	14.8	14.9	14.2	14.7	12.5	11.4	11.9
11	21.4	20.5	20.9	15.3	14.4	14.9	14.2	12.8	13.5	13.3	12.1	12.7
12	22.6	21.1	21.7	15.6	14.6	15.2	12.8	12.2	12.5	13.6	13.0	13.4
13	21.9	19.7	20.8	15.9	15.6	15.7	12.2	11.3	11.9	14.0	13.4	13.7
14	19.7	18.0	19.0	15.7	14.9	15.4	11.3	9.6	10.5	13.4	11.8	12.7
15	18.0	16.4	17.2	14.9	14.1	14.5	9.6	8.6	9.1	11.8	10.8	11.4
16	16.9	15.6	16.3	14.3	13.3	13.7	8.6	7.7	8.2	10.8	9.3	10.2
17	17.7	15.9	16.8	14.2	13.0	13.7	9.0	8.1	8.5	9.3	7.7	8.3
18	19.2	17.4	18.2	14.3	13.4	13.9	8.8	7.6	8.2	7.7	6.5	7.0
19	19.8	19.2	19.6	14.3	13.9	14.1	8.3	7.0	7.8	6.6	6.0	6.3
20	19.6	18.5	18.9	15.1	14.3	14.8	7.0	5.8	6.4	7.3	5.4	6.3
21	19.9	18.6	19.2	15.7	15.0	15.3	7.8	6.0	6.8	8.2	6.4	7.2
22	20.1	19.6	19.8	16.5	15.1	15.7	9.3	7.5	8.3	8.5	7.4	8.0
23	20.0	19.3	19.7	16.6	15.9	16.2	9.5	6.9	8.3	7.4	5.6	6.3
24	20.8	19.4	20.1	17.5	16.6	17.3	6.9	6.2	6.7	6.1	4.8	5.5
25	20.5	19.5	20.0	17.2	15.4	16.4	6.3	5.7	6.0	7.3	4.9	6.1
26	21.0	19.4	20.2	15.4	14.1	14.6	6.6	5.5	6.0	9.2	6.7	8.0
27	21.3	20.2	20.8	14.1	13.0	13.4	6.3	5.2	5.8	8.9	7.3	8.2
28	21.8	20.9	21.4	13.4	13.0	13.2	6.5	5.1	5.8	8.6	7.3	7.9
29	22.7	21.4	21.9	13.5	12.8	13.2	7.0	5.6	6.3	7.3	6.5	6.8
30	21.9	21.2	21.5	14.0	13.2	13.6	7.9	6.4	7.1	7.5	6.8	7.1
31	22.0	20.9	21.4	---	---	---	8.7	7.4	8.1	8.0	7.2	7.6
MONTH	23.5	15.6	20.3	22.2	12.8	16.0	15.0	5.1	9.7	14.5	4.8	9.5
FEBRUARY			MARCH			APRIL			MAY			
1	8.4	7.9	8.2	10.9	9.8	10.4	16.7	16.1	16.4	17.8	16.8	17.3
2	8.2	7.8	7.9	9.8	9.0	9.4	16.2	15.2	15.7	18.2	16.1	17.1
3	8.3	7.8	8.0	10.6	9.1	9.7	15.7	14.5	15.1	17.9	15.9	17.0
4	8.9	7.5	8.2	10.9	9.0	10.0	16.4	14.8	15.6	18.1	16.0	17.1
5	9.2	7.4	8.3	12.0	9.6	10.8	17.4	15.8	16.5	18.3	16.8	17.5
6	9.6	7.9	8.8	12.2	10.2	11.2	17.0	16.4	16.7	19.3	16.9	18.2
7	10.8	8.9	9.8	12.4	10.2	11.1	17.5	16.6	17.0	20.1	17.3	18.7
8	11.2	10.5	10.8	12.0	11.1	11.6	17.1	16.7	16.9	21.1	17.8	19.6
9	11.7	10.8	11.2	11.4	10.4	10.9	18.4	16.3	17.3	21.1	19.2	20.4
10	11.4	10.0	10.7	11.0	10.2	10.5	19.5	17.4	18.4	21.8	20.2	21.0
11	10.1	9.0	9.6	11.8	10.1	10.9	19.5	18.4	18.9	23.1	21.1	22.1
12	10.2	8.6	9.5	12.6	10.1	11.3	19.8	18.4	19.0	25.0	22.2	23.5
13	10.4	9.6	10.0	13.9	11.3	12.6	19.0	17.9	18.4	25.1	22.8	24.1
14	11.7	10.4	11.1	14.5	12.8	13.6	18.0	17.0	17.5	25.0	23.0	24.1
15	12.0	11.0	11.5	14.2	12.7	13.5	19.1	16.2	17.6	24.3	22.6	23.6
16	12.4	11.7	12.1	13.7	12.7	13.0	19.3	16.8	18.1	23.6	21.2	22.3
17	12.2	11.3	11.8	12.7	11.8	12.3	19.5	17.1	18.3	22.6	20.2	21.5
18	11.6	10.2	10.9	13.1	11.1	12.0	20.0	17.5	18.9	23.7	20.7	22.3
19	10.9	9.8	10.3	12.4	11.2	11.9	20.4	17.9	19.2	25.0	22.1	23.5
20	11.1	10.3	10.7	13.4	11.4	12.4	21.0	17.7	19.5	24.9	23.2	24.0
21	12.6	11.0	11.8	14.6	12.6	13.5	20.7	18.6	19.8	25.5	22.6	23.9
22	13.6	12.0	12.8	14.4	13.4	13.8	20.3	18.8	19.6	24.4	22.7	23.7
23	14.3	12.5	13.4	14.7	13.8	14.2	20.0	18.1	19.0	25.4	23.6	24.4
24	14.1	13.2	13.7	15.4	13.6	14.4	18.5	16.5	17.6	26.6	23.5	24.9
25	13.6	12.5	13.0	16.8	14.2	15.5	17.7	15.4	16.3	25.9	23.1	24.4
26	12.9	11.7	12.3	18.0	15.2	16.6	16.7	15.4	16.1	25.6	22.1	23.7
27	12.3	11.4	11.8	18.0	17.2	17.5	18.1	15.6	16.8	25.4	22.0	23.6
28	11.4	10.7	11.2	17.3	15.4	16.4	18.0	15.4	16.8	25.8	22.8	24.1
29	---	---	---	16.7	14.6	15.6	19.0	17.1	18.1	23.9	19.9	22.2
30	---	---	---	17.4	15.0	16.2	18.8	17.4	18.3	20.8	18.3	20.0
31	---	---	---	16.9	16.5	16.7	---	---	---	21.3	20.6	20.9
MONTH	14.3	7.4	10.7	18.0	9.0	12.9	21.0	14.5	17.6	26.6	15.9	21.6

MOBILE RIVER BASIN

02423496 CAHABA RIVER NEAR HOOVER, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	7.8	7.2	7.5	7.6	7.1	7.4	---	---	---	12.0	11.7	11.8
2	7.7	7.2	7.4	7.9	6.9	7.4	10.8	10.6	10.7	12.0	11.6	11.9
3	7.4	6.7	7.1	8.1	7.4	7.8	11.1	10.7	11.0	11.8	11.2	11.6
4	7.5	6.9	7.3	8.9	8.1	8.4	11.2	10.9	11.0	11.6	11.1	11.3
5	7.8	6.9	7.4	9.0	8.9	9.0	11.2	10.9	11.1	11.6	11.0	11.2
6	7.8	7.2	7.5	9.2	9.0	9.1	11.0	10.7	10.9	11.4	10.6	11.0
7	8.0	7.1	7.6	9.2	9.1	9.2	10.8	10.2	10.5	11.6	10.6	11.0
8	8.2	7.4	7.8	9.3	9.1	9.2	10.4	10.2	10.4	10.9	9.7	10.6
9	7.8	7.4	7.6	9.5	9.2	9.4	10.3	9.5	10.1	11.2	10.9	11.0
10	7.6	7.3	7.5	9.7	9.2	9.5	10.3	9.6	10.1	11.4	10.8	11.0
11	7.9	7.2	7.6	9.6	9.1	9.5	10.7	10.2	10.5	11.3	10.6	10.9
12	7.8	7.2	7.4	9.6	9.4	9.4	10.8	8.2	10.4	11.0	10.3	10.6
13	7.3	7.0	7.1	9.4	9.2	9.3	10.8	10.4	10.6	10.4	10.1	10.2
14	8.0	7.1	7.6	9.4	9.3	9.3	11.1	10.6	10.9	11.2	10.3	10.9
15	8.5	7.7	8.2	9.4	9.3	9.3	11.6	11.1	11.5	11.5	10.9	11.2
16	9.4	8.3	8.9	9.5	9.4	9.4	11.9	11.6	11.8	12.0	11.5	11.8
17	9.6	8.6	9.1	9.4	9.2	9.3	11.8	11.6	11.7	12.8	12.0	12.5
18	9.3	8.5	8.9	10.3	9.1	9.7	11.9	11.5	11.7	13.3	12.7	13.1
19	8.8	7.8	8.2	10.0	9.7	9.9	12.0	11.6	11.8	13.5	13.1	13.3
20	9.4	8.2	9.0	9.8	9.6	9.7	12.5	12.0	12.3	13.6	13.0	13.3
21	9.2	8.5	8.9	9.9	9.5	9.6	12.5	12.0	12.3	13.3	12.7	13.0
22	8.6	8.3	8.4	9.9	7.2	9.1	12.0	11.2	11.6	13.0	12.4	12.7
23	8.6	8.3	8.4	---	---	---	12.4	11.0	11.6	13.9	12.7	13.3
24	8.6	8.2	8.2	---	---	---	12.6	12.3	12.5	14.3	13.5	13.8
25	8.5	8.2	8.4	---	---	---	12.8	12.6	12.7	16.2	13.5	14.4
26	8.3	8.0	8.2	---	---	---	12.8	12.7	12.8	14.8	13.7	14.3
27	8.2	7.7	8.0	---	---	---	13.0	12.8	12.9	14.8	13.3	14.0
28	7.9	7.6	7.8	---	---	---	13.2	12.8	13.0	14.6	13.4	13.9
29	7.7	7.4	7.6	---	---	---	12.9	12.5	12.7	14.0	13.7	13.8
30	7.6	7.2	7.4	---	---	---	12.6	12.2	12.4	14.0	13.0	13.7
31	7.6	7.2	7.4	---	---	---	12.2	11.8	12.1	14.8	13.3	14.0
MONTH	9.6	6.7	7.9	10.3	6.9	9.1	13.2	8.2	11.5	16.2	9.7	12.3
FEBRUARY			MARCH			APRIL			MAY			
1	14.8	13.2	13.9	12.4	11.8	12.1	10.0	9.4	9.8	8.0	5.2	7.3
2	13.5	13.1	13.3	13.0	12.0	12.2	10.2	10.0	10.1	7.5	6.1	6.7
3	14.1	13.0	13.6	13.5	12.6	13.0	10.5	10.2	10.3	---	---	---
4	14.6	13.5	13.9	13.4	12.3	12.8	10.4	10.1	10.3	---	---	---
5	15.0	13.4	14.0	13.2	12.0	12.5	10.2	9.8	10.1	---	---	---
6	15.1	13.4	14.0	13.3	11.8	12.4	9.9	9.6	9.8	9.3	8.4	9.1
7	15.3	12.9	13.8	12.5	10.9	11.8	9.8	9.6	9.7	9.8	8.8	9.2
8	12.9	12.3	12.7	11.7	11.1	11.5	9.8	9.6	9.7	9.7	8.6	9.1
9	12.8	12.5	12.6	11.8	11.4	11.7	9.9	9.5	9.8	9.7	8.2	8.9
10	13.6	12.4	13.0	12.0	11.6	11.8	9.6	9.3	9.5	9.5	8.1	8.7
11	14.3	12.9	13.5	11.9	11.3	11.7	9.4	9.2	9.3	9.0	7.9	8.4
12	14.6	13.1	13.7	11.8	11.0	11.4	9.4	9.0	9.2	9.1	7.5	8.2
13	13.9	12.8	13.2	11.4	10.3	11.0	9.7	9.0	9.3	8.6	7.2	7.8
14	13.0	12.2	12.6	11.2	10.2	10.6	9.8	9.4	9.6	8.3	6.6	7.5
15	12.7	11.5	12.1	11.2	10.1	10.6	9.9	9.4	9.6	7.8	6.6	7.4
16	11.7	11.3	11.5	10.9	10.0	10.4	10.1	9.2	9.6	9.0	7.5	8.2
17	12.2	11.3	11.7	11.2	10.6	10.8	10.3	9.1	9.6	9.4	8.0	8.6
18	12.7	11.6	12.1	11.9	10.8	11.3	10.4	8.9	9.5	9.1	7.0	8.2
19	12.8	11.9	12.3	11.8	10.8	11.2	10.9	8.6	9.6	8.3	6.8	7.4
20	12.5	11.7	12.0	12.0	10.8	11.3	11.2	8.4	9.6	7.3	5.3	6.6
21	12.0	11.4	11.7	12.0	10.5	11.1	10.1	8.2	9.2	9.0	5.5	7.0
22	12.0	11.0	11.5	10.5	10.0	10.3	9.8	7.9	8.8	9.4	7.3	8.3
23	12.2	10.5	11.3	10.5	10.4	10.4	9.8	7.6	8.6	9.3	7.4	8.2
24	11.1	10.5	10.8	10.5	10.2	10.4	10.7	8.1	9.1	8.2	6.8	7.4
25	11.8	10.9	11.3	10.6	9.9	10.3	10.7	8.1	9.2	8.2	6.4	7.2
26	12.0	11.1	11.5	10.5	9.4	10	9.0	7.4	8.3	8.1	6.7	7.3
27	11.6	11.2	11.4	9.6	9.2	9.4	9.2	6.7	8.0	8.1	6.6	7.3
28	11.8	11.3	11.6	10.1	9.3	9.7	9.7	6.5	8.2	8.1	6.6	7.3
29	---	---	---	10.6	9.9	10.2	9.0	7.6	8.2	8.9	6.8	7.8
30	---	---	---	10.5	9.7	10.1	7.9	5.2	6.9	9.4	8.8	9.0
31	---	---	---	9.8	9.3	9.6	---	---	---	8.8	8.6	8.7
MONTH	15.3	10.5	12.5	13.5	9.2	11.1	11.2	5.2	9.3	9.8	5.2	8.0

02423500 CAHABA RIVER NEAR ACTON, AL

LOCATION.--Lat 33°21'48", long 86°48'47", in SE ¼ sec. 23, T. 19 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202 on right bank at downstream side of highway bridge (Bains Bridge), 0.5 mi upstream from Patton Creek, 1 mi downstream from U.S. Highway 31, 1 mi northwest of Acton, 16 mi south of Birmingham, and at mile 136.8.

DRAINAGE AREA.--230 mi².

PERIOD OF RECORD.--October 1938 to September 1957, October 1983 to current year.

REVISED RECORDS.--WSP 1384: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 375.00 ft above NGVD of 1929. Prior to Feb. 25, 1939, wire-weight gage at same site and datum.

REMARKS.--Estimated daily discharge: Nov. 23-29, Feb. 27, Mar. 28, 29, April 6-8, 21, 22, July. 11, 15, and Sept. 26, 27. Records good except for estimated daily discharges, which are poor. Flow is diverted above station by Birmingham Water Works Board, and is not included in record except about 15 ft³/s, which is returned to river above station. Flow partly regulated by Purdy Lake (capacity 15,300 acre-ft) on Little Cahaba River. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	---	*11,500	*30.05	Apr 1	2300	4,960	17.18

Minimum discharge, 16 ft³/s, Sept. 30, gage height, 1.89 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	41	1,620	162	161	1,060	4,680	1,400	1,890	52	163	71
2	41	84	1,330	153	376	753	4,160	605	1,610	102	175	50
3	37	299	1,000	140	526	537	2,220	355	2,540	160	112	40
4	38	1,330	727	126	457	435	1,430	243	1,250	112	70	56
5	35	1,080	617	119	351	367	1,090	178	673	77	52	80
6	32	541	1,220	118	289	300	e905	180	470	113	76	39
7	34	336	1,700	127	248	410	e1,410	149	431	674	208	35
8	31	211	2,280	620	440	1,980	e1,390	116	540	380	140	30
9	31	155	2,030	416	670	1,480	1,100	99	1,060	188	96	29
10	38	114	2,380	260	663	1,100	804	83	761	653	102	25
11	48	1,120	1,590	209	515	787	589	75	1,050	e3,050	102	28
12	38	2,110	1,150	192	408	595	534	59	1,500	1,780	89	32
13	33	1,520	859	439	349	452	466	55	1,270	1,030	74	25
14	32	842	654	1,320	1,600	408	361	61	761	1,050	232	24
15	32	455	494	1,010	1,490	473	268	130	474	e3,110	353	25
16	40	320	397	639	1,010	428	208	112	327	2,110	240	26
17	39	249	341	459	708	387	180	71	217	1,160	336	29
18	38	197	303	342	498	332	152	45	161	667	196	31
19	131	211	273	286	372	275	137	39	119	478	419	27
20	1,090	215	235	251	333	230	113	75	94	399	179	29
21	413	935	201	226	668	205	e103	168	75	697	110	28
22	190	3,550	245	206	599	661	e98	87	129	650	90	23
23	123	e7,960	610	187	568	1,280	114	59	96	317	294	25
24	339	e9,710	620	150	1,290	896	139	43	69	188	516	31
25	215	e10,500	400	125	990	617	96	33	54	126	219	45
26	118	e2,580	335	128	693	464	e188	29	51	90	115	e1,140
27	81	e1,780	278	125	e930	1,020	e302	25	50	75	74	e231
28	96	e2,120	229	113	1,150	e1,010	206	23	42	84	48	62
29	61	e1,480	203	322	---	e844	131	340	136	114	60	36
30	50	1,130	191	284	---	630	602	884	71	464	252	18
31	42	---	180	192	---	1,600	---	435	---	236	99	---
TOTAL	3,627	53,175	24,692	9,446	18,352	22,016	24,176	6,256	17,971	20,386	5,291	2,370
MEAN	117	1,772	797	305	655	710	806	202	599	658	171	79.0
MAX	1,090	10,500	2,380	1,320	1,600	1,980	4,680	1,400	2,540	3,110	516	1,140
MIN	31	41	180	113	161	205	96	23	42	52	48	18
CFSM	0.51	7.71	3.46	1.32	2.85	3.09	3.50	0.88	2.60	2.86	0.74	0.34
IN.	0.59	8.60	3.99	1.53	2.97	3.56	3.91	1.01	2.91	3.30	0.86	0.38

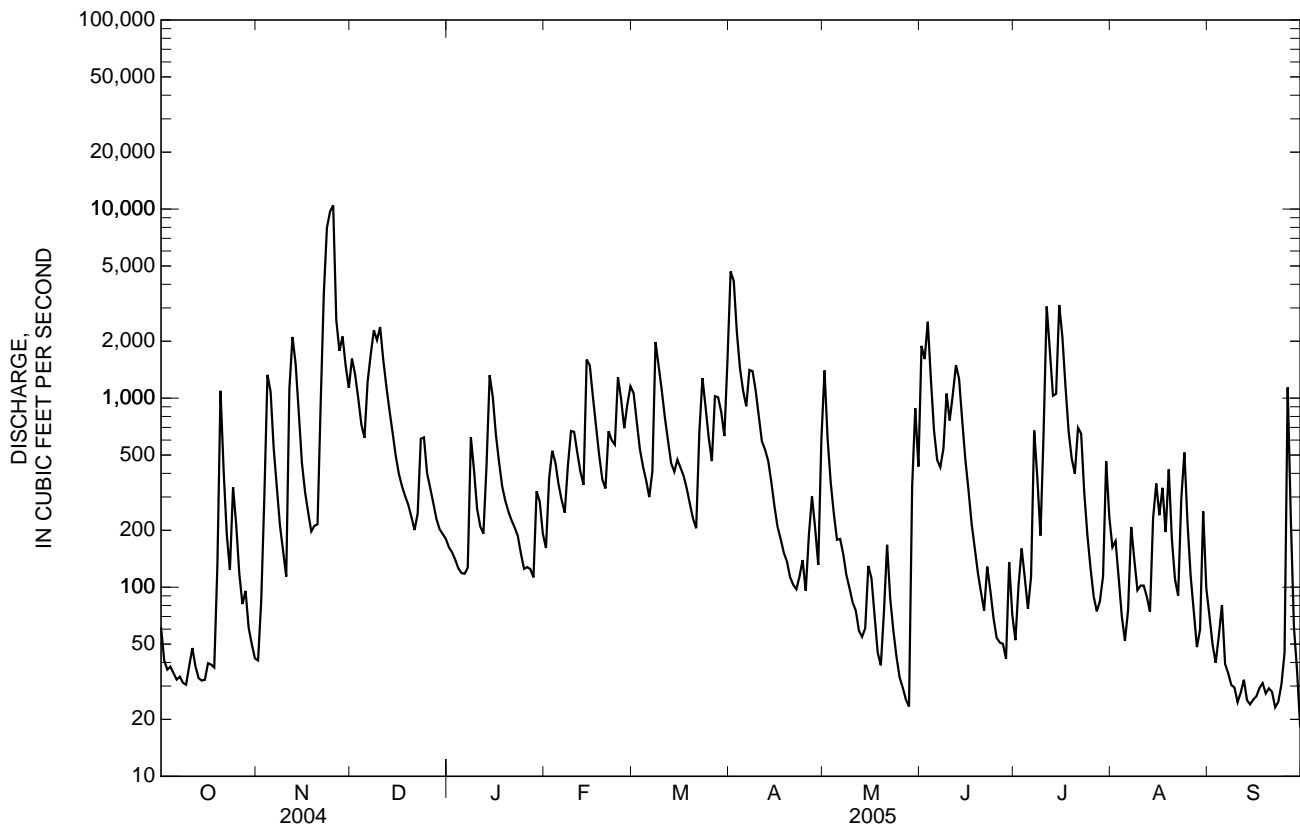
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	80.3	250	385	619	762	781	525	255	176	190	111	131
MAX	760	1,880	1,922	1,717	1,974	1,652	1,479	2,717	1,197	1,236	812	911
(WY)	(1996)	(1949)	(1984)	(1949)	(1990)	(1951)	(2000)	(2003)	(1997)	(1940)	(1941)	(2004)
MIN	0.13	3.45	16.9	26.5	116	65.8	10.7	20.0	4.83	6.74	1.21	0.01
(WY)	(1955)	(1954)	(1939)	(1986)	(2000)	(1986)	(1986)	(1942)	(1956)	(1954)	(1956)	(1954)

02423500 CAHABA RIVER NEAR ACTON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	205,560		207,758		353	
ANNUAL MEAN	562		569		839	
HIGHEST ANNUAL MEAN					60.2	
LOWEST ANNUAL MEAN					18,900	
HIGHEST DAILY MEAN	12,400	Sep 17	10,500	Nov 25	25,500	Dec 28, 1942
LOWEST DAILY MEAN	23	Sep 1	18	Sep 30	0.00	Oct 16, 1953
ANNUAL SEVEN-DAY MINIMUM	25	Aug 27	26	Sep 10	0.00	Sep 1, 1954
MAXIMUM PEAK FLOW			11,500	Nov 25	44.25	Dec 29, 1942
MAXIMUM PEAK STAGE			30.05	Nov 25	1.54	
ANNUAL RUNOFF (CFSM)	2.44		2.47		20.88	
ANNUAL RUNOFF (INCHES)	33.25		33.60		856	
10 PERCENT EXCEEDS	1,330		1,350		92	
50 PERCENT EXCEEDS	152		243		8.2	
90 PERCENT EXCEEDS	34		38			

e Estimated



0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 33°18'48", long 86°48'23", in NW ¼ sec. 12, T. 20 N., R. 3 E., Shelby County, Hydrologic Unit 03150221, on upstream side of Cross Creek Road at Pelham.

DRAINAGE AREA.--25.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.-- December 1998 to present.

GAGE.--Water-stage recorder. Elevation of gage is 440 ft above NGVD of 1929 from topographic map.

REMARKS.--Estimated daily discharges: Jan. 13, Jan 31 - Feb. 2, Feb. 27, and Mar. 30, 31. Records good except for estimated daily discharges, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	2330	829	7.50	Jun 8	2045	560	6.13
Nov 24	1230	*1,090	*8.71	Jul 11	0330	697	6.85
Apr 1	1830	537	6.00	Sep 26	0245	914	7.90

Minimum discharge, 9.2 ft³/s, Sept. 24, gage height, 2.31 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	13	128	25	e32	69	415	44	258	17	28	27
2	14	47	87	25	e52	59	302	35	149	18	25	24
3	13	53	80	25	54	57	177	30	195	17	22	23
4	12	157	73	23	50	55	123	27	107	16	20	21
5	12	54	70	22	46	45	90	25	71	15	22	20
6	11	36	134	23	41	38	91	24	57	40	19	19
7	11	28	154	22	40	99	140	23	55	49	39	18
8	11	24	124	36	74	165	109	21	181	24	32	18
9	12	20	192	26	110	102	90	20	211	27	20	17
10	12	18	170	24	97	83	74	19	129	145	20	16
11	12	121	120	24	75	67	63	19	147	440	18	16
12	12	105	91	23	62	55	64	18	227	158	26	15
13	11	65	73	e46	57	52	52	18	144	119	58	15
14	11	47	57	86	154	52	45	17	97	117	130	15
15	11	35	48	63	109	42	39	31	70	113	49	14
16	11	28	43	52	87	49	34	18	52	106	58	15
17	13	25	39	43	69	43	30	16	41	82	41	15
18	14	23	36	36	56	39	29	16	36	58	36	14
19	77	25	32	34	48	36	27	15	32	45	58	14
20	27	23	30	32	51	33	28	25	29	37	32	13
21	15	159	28	31	70	36	35	30	27	46	28	12
22	15	344	36	29	50	79	32	18	26	57	35	11
23	21	529	59	26	72	129	27	19	24	39	101	11
24	68	862	44	25	126	92	25	18	21	32	286	11
25	18	327	39	24	85	71	23	16	21	27	101	12
26	16	182	36	24	70	60	46	15	22	32	65	389
27	13	197	32	23	e84	211	28	14	20	24	47	43
28	16	156	30	23	91	114	24	14	19	31	37	27
29	14	112	28	50	---	86	22	90	19	73	37	20
30	13	100	27	35	---	e186	98	65	18	41	45	15
31	13	---	26	e28	---	e463	---	45	---	32	32	---
TOTAL	544	3,915	2,166	1,008	2,012	2,767	2,382	805	2,505	2,077	1,567	900
MEAN	17.5	130	69.9	32.5	71.9	89.3	79.4	26.0	83.5	67.0	50.5	30.0
MAX	77	862	192	86	154	463	415	90	258	440	286	389
MIN	11	13	26	22	32	33	22	14	18	15	18	11
CFSM	0.69	5.10	2.73	1.27	2.81	3.49	3.10	1.01	3.26	2.62	1.97	1.17
IN.	0.79	5.69	3.15	1.46	2.92	4.02	3.46	1.17	3.64	3.02	2.28	1.31

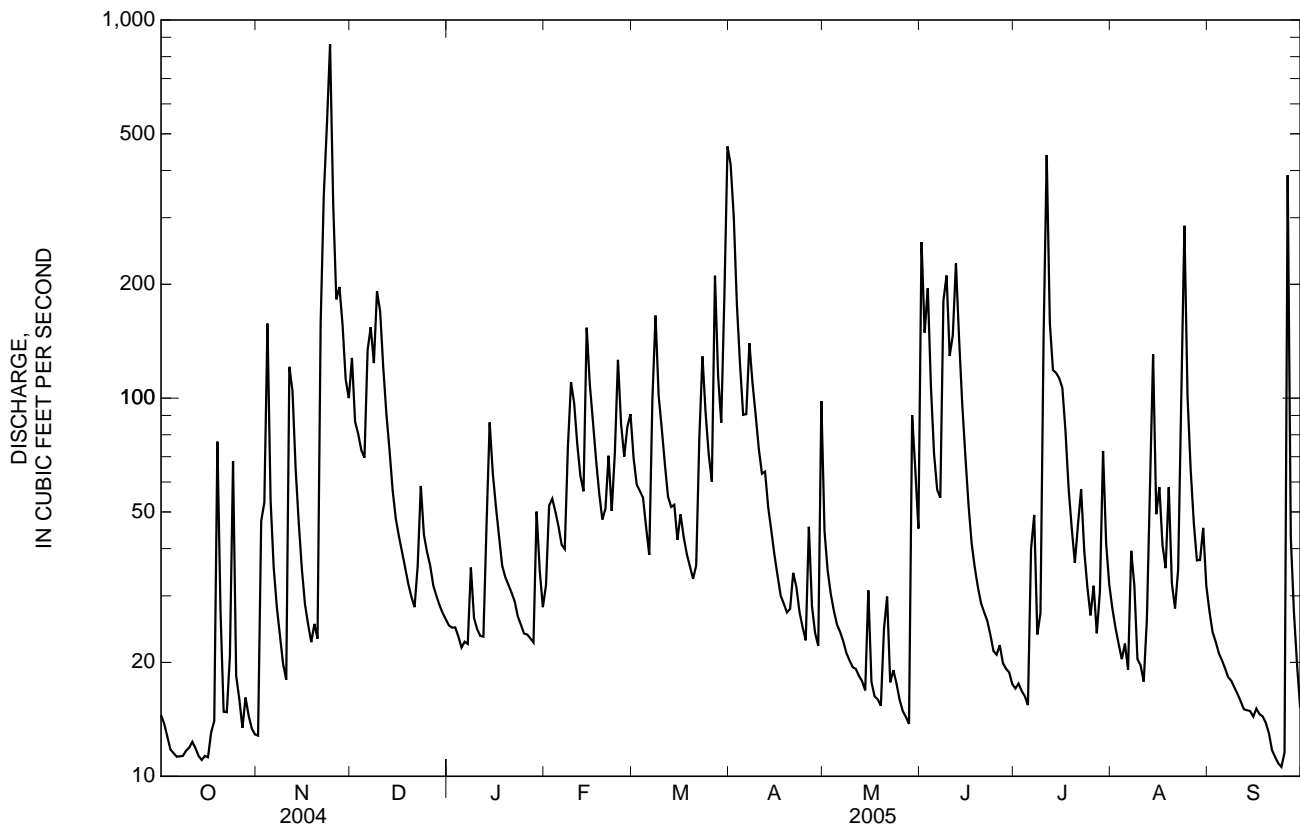
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	CFSM	IN.
1998	15.4	43.3	5.84	0.69	0.79
1999	39.7	130	10.6	5.10	5.69
2000	38.3	84.7	8.02	2.73	3.15
2001	45.5	105	21.2	1.27	1.46
2002	63.3	105	18.4	2.81	2.92
2003	78.0	116	40.9	3.49	4.02
2004	63.6	139	34.9	3.10	3.46
2005	50.6	199	13.1	1.01	1.17
2006	42.4	83.5	9.45	3.26	3.64
2007	31.4	67.0	8.32	2.62	3.02
2008	21.9	50.5	6.64	1.97	2.28
2009	35.9	83.3	4.39	1.17	1.31

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	16,855.9		22,648		43.7	
ANNUAL MEAN	46.1		62.0		73.3	
HIGHEST ANNUAL MEAN					27.7	
LOWEST ANNUAL MEAN					2003	
HIGHEST DAILY MEAN	869	Feb 6	862	Nov 24	1,410	Apr 3, 2000
LOWEST DAILY MEAN	5.0	Jun 21	11	Oct 6	2.7	Sep 17, 2000
ANNUAL SEVEN-DAY MINIMUM	7.1	Jun 8	11	Oct 10	3.1	Sep 15, 2000
MAXIMUM PEAK FLOW			1,090	Nov 24	1,650	Apr 4, 2000
MAXIMUM PEAK STAGE			8.71	Nov 24	10.89	Apr 4, 2000
ANNUAL RUNOFF (CFSM)	1.80		2.42		1.71	
ANNUAL RUNOFF (INCHES)	24.49		32.91		23.17	
10 PERCENT EXCEEDS	96		129		90	
50 PERCENT EXCEEDS	23		36		22	
90 PERCENT EXCEEDS	9.1		15		7.3	

e Estimated



MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Alkalinity, wat tit inc tit field, mg/L as CaCO3 (39086)
NOV 2004													
09...	0940	14.6	14.0	761	2.63	20	292	8.7	86	7.9	.0	166	136
JAN 2005													
13...	1300	15.9	18.0	752	3.15	66	238	9.2	94	7.8	.0	129	106
MAR 03...	1020	11.2	11.0	756	3.02	53	202	11.0	101	8.0	.0	116	95
MAY 04...	0950	15.1	15.5	759	2.72	25	239	10.0	100	7.8	.0	134	110
JUL 05...	0935	23.4	27.0	--	2.46	15	339	7.2	--	8.1	.0	172	141
SEP 01...	1000	22.4	25.5	757	2.70	26	263	8.0	93	7.4	.0	139	114

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite water, fltrd, mg/L as N (00613)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L (71851)	Nitrite water, fltrd, mg/L (71856)	Ortho- phosphate, water, fltrd, mg/L (00660)	Phosphorus, water, unfltrd mg/L (00665)	Ortho- phosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, wat unf by analysis, mg/L (62855)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)
NOV 2004												
09...	<.04	.010	1.48	1.49	6.53	.033	.172	.079	.056	1.72	5.15	6.4
JAN 2005												
13...	<.08	E.004	--	1.01	--	--	.077	.058	.025	1.33	4.08	7.5
MAR 03...	<.04	<.008	--	.65	--	--	.034	.023	.011	.78	3.25	6.6
MAY 04...	<.04	<.008	--	.96	--	--	.058	.041	.019	1.10	3.74	6.8
JUL 05...	<.040	E.005	--	2.32	--	--	.248	.118	.081	2.57	6.80	12.0
SEP 01...	<.04	<.008	--	.79	--	--	.147	.074	.048	.94	3.98	6.7

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethyl- aniline water fltrd 0.7u GF ug/L (82660)	2Chloro- 2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl- 6-methyl- aniline water, fltrd, ug/L (61620)	3,4-Di-chloro- aniline water fltrd, ug/L (61625)	3,5-Di-chloro- aniline water, fltrd, ug/L (61627)	4Chloro- 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo- sulfan, water, fltrd, ug/L (34362)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)
NOV 09...	<.09	<.006	<.005	E.007	<.004	<.004	--	<.006	<.006	<.005	--	.013	<.07
JAN 13...	<.09	<.006	<.005	E.010	<.004	<.004	--	<.006	<.006	<.005	--	.029	<.07
MAR 03...	<.09	<.006	<.005	E.011	<.004	<.004	--	<.006	<.006	<.005	--	.043	<.07
MAY 04...	<.09	<.006	<.005	E.013	<.004	<.004	--	<.006	<.006	<.005	--	.032	<.07
JUL 05...	<.09	<.006	<.005	E.014	<.004	E.006	<.004	<.006	<.006	<.005	<.005	.020	<.07
SEP 01...	<.09	<.006	<.005	E.013	<.004	<.004	<.004	<.006	<.006	<.005	<.005	.022	<.07

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, fltrd, ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)
NOV 09...	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.008	--	<.009	<.003
JAN 13...	<.050	<.010	<.041	--	<.06	.011	<.006	--	--	<.008	--	<.009	<.003
MAR 03...	<.050	<.010	<.041	--	<.06	E.005	<.006	--	--	<.008	--	<.009	<.003
MAY 04...	<.050	<.010	E.006	--	<.06	E.004	<.006	--	--	<.027	--	<.009	<.003
JUL 05...	<.050	<.010	E.006	<.020	<.06	E.004	<.006	<.008	<.018	<.027	<.009	<.009	<.003
SEP 01...	<.050	<.010	E.008	<.020	<.06	<.010	<.006	<.008	<.018	<.027	<.009	<.009	<.003
Date	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diaz-inon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicro-tophos, water, fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Disulf-oton sulfone water, fltrd, ug/L (61640)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)
NOV 09...	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
JAN 13...	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
MAR 03...	E.005	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
MAY 04...	E.007	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
JUL 05...	E.005	--	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002	<.004	<.005
SEP 01...	E.008	--	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002	<.004	<.005
Date	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexa-zinone, water, fltrd, ug/L (04025)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Mala-oxon, water, fltrd, ug/L (61652)
NOV 09...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	<.003	<.003	<.013	<.387	<.003	<.030
JAN 13...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	<.003	<.003	<.013	<.387	<.003	<.030
MAR 03...	<.049	<.04	<.03	<.029	E.006	<.024	E.007	--	<.003	<.013	<.387	<.003	<.030
MAY 04...	<.049	<.04	<.03	<.029	E.009	<.024	E.011	--	<.003	<.013	<.538	<.003	<.030
JUL 05...	<.049	<.04	<.03	E.006	E.008	E.008	E.011	--	<.003	<.013	<.538	<.003	<.030
SEP 01...	<.049	<.04	<.03	<.029	.013	<.024	E.017	--	<.003	<.013	<.538	<.003	<.030

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Myclo- butanil water, fltrd, ug/L (61599)	Oxy- fluor- fen, water, fltrd, ug/L (61600)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)
NOV 09...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--	<.008	--	<.022	<.10	<.011
JAN 13...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--	<.008	--	<.022	<.10	<.011
MAR 03...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--	<.008	--	E.007	<.10	<.011
MAY 04...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--	<.008	--	<.022	<.10	<.011
JUL 05...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	<.003	E.006	<.007	<.022	<.10	<.011
SEP 01...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	<.003	<.015	<.007	<.022	<.10	<.011

Date	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, water, fltrd, ug/L (04036)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Teflu- thrin, water, fltrd, ug/L (61606)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)
NOV 09...	<.05	<.008	<.01	<.005	<.004	--	--	.130	<.02	--	<.07	<.02	<.01
JAN 13...	--	<.008	<.01	<.005	<.004	--	--	.085	<.02	--	<.07	<.02	<.01
MAR 03...	<.05	<.008	<.01	<.005	<.004	--	--	.115	<.02	--	<.07	<.02	<.01
MAY 04...	<.05	<.008	E.01	<.005	.011	--	--	.090	<.02	--	<.07	<.02	<.01
JUL 05...	--	--	E.01	<.005	<.004	<.011	<.02	.034	<.02	<.008	<.07	<.02	<.01
SEP 01...	<.05	<.008	<.01	<.005	<.004	<.011	<.02	.038	<.02	<.008	<.07	<.02	<.01

Date	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	trans- Propi- cona- zole, water, fltrd, ug/L (79847)	Tribu- phos, water, fltrd, ug/L (61610)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)
NOV 09...	--	--	--	<.009	<.01
JAN 13...	--	--	--	<.009	<.01
MAR 03...	--	--	--	<.009	<.01
MAY 04...	--	--	--	<.009	<.01
JUL 05...	<.010	<.01	<.004	<.009	<.01
SEP 01...	<.010	<.01	<.025	<.009	<.01

MOBILE RIVER BASIN

0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous dis- charge, cfs (00061)	Sus- pended sediment concentration mg/L (80154)	Sus- pended sediment dis- charge, tons/d (80155)	Suspnd. sediment, sieve diameter percent <.063mm (70331)
NOV 09...	0940	20	6	.32	81
JAN 13...	1300	66	25	4.5	94
MAR 03...	1020	53	3	.43	90
MAY 04...	0950	25	12	.81	83
JUL 05...	0935	15	8	.30	94
SEP 01...	1000	26	3	.21	96

02423555 CAHABA RIVER NEAR HELENA, AL

LOCATION.--Lat 33°17'04", long 86°52'57", in NW ¼ sec. 20, T. 20 S., R. 3 W., Shelby County, Hydrologic Unit 03150202 on right bank at downstream side of bridge, 0.9 mi above Trigger Creek, 3 mi west of Helena, and at mile 127.1.

DRAINAGE AREA.--335 mi².

PERIOD OF RECORD.--October 1995 to current year. Operated as a crest-stage gage October 1964 to September 1977 (annual peaks only).

GAGE.--Water-stage recorder. Datum of gage is 403.67 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27. Records good except for periods of estimated record, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF DAILY DISCHARGE RECORD.--The flood of March 16, 1976 reached a gage height of 34.85 ft, discharge, 22,800 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	1100	*14,900	*27.93	No other peaks greater than base discharge.			

Minimum discharge, 43 ft³/s, Sept. 22, 23, gage height, 1.41 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	95	93	2,160	296	314	1,450	5,940	1,880	2,520	131	261	153
2	83	203	1,830	280	619	1,050	5,230	804	2,270	168	360	119
3	67	426	1,350	259	772	794	3,050	496	3,280	236	244	102
4	68	1,630	999	247	679	661	2,010	373	1,730	191	176	94
5	66	1,270	809	232	545	568	1,490	311	876	159	156	141
6	60	639	1,850	235	471	479	1,190	285	585	186	196	108
7	62	440	2,360	259	416	774	2,010	268	552	924	521	88
8	63	311	2,980	747	983	3,030	1,920	228	778	560	412	82
9	58	251	2,790	557	1,330	2,140	1,540	206	1,830	341	230	76
10	60	208	3,130	403	1,170	1,550	1,140	181	958	916	184	72
11	79	1,490	2,230	350	872	1,120	844	166	1,450	5,020	239	67
12	79	2,470	1,610	332	697	862	882	151	2,090	2,650	180	76
13	63	1,900	1,160	575	579	705	691	137	1,790	1,470	160	60
14	58	1,050	890	1,650	2,270	695	549	114	1,080	1,490	364	55
15	60	612	675	1,310	2,140	685	456	296	683	3,410	564	56
16	65	456	554	838	1,460	674	387	226	500	2,850	531	60
17	70	378	491	608	1,040	615	345	162	372	1,700	595	59
18	66	332	446	491	751	545	315	118	301	982	381	61
19	234	340	411	428	594	485	292	108	258	725	566	54
20	1,190	359	375	392	537	433	264	111	211	609	299	57
21	515	1,380	329	366	975	409	265	303	183	901	211	59
22	262	4,150	361	343	836	1,020	303	162	214	1,190	193	52
23	179	8,820	798	317	752	2,410	310	138	208	553	367	45
24	634	11,100	801	281	2,100	1,480	282	115	168	377	1,190	53
25	303	13,800	539	259	1,510	1,030	232	94	143	315	458	52
26	207	5,050	461	255	1,060	790	418	79	149	275	296	2,660
27	157	2,680	412	247	e1,050	1,950	532	75	131	222	205	497
28	164	2,850	361	228	1,600	1,550	366	70	132	204	169	230
29	128	2,040	333	508	---	1,270	267	574	203	319	138	160
30	109	1,550	323	457	---	965	964	1,210	191	549	366	100
31	98	---	319	360	---	3,370	---	594	---	369	214	---
TOTAL	5,402	68,278	34,137	14,110	28,122	35,559	34,484	10,035	25,836	29,992	10,426	5,548
MEAN	174	2,276	1,101	455	1,004	1,147	1,149	324	861	967	336	185
MAX	1,190	13,800	3,130	1,650	2,270	3,370	5,940	1,880	3,280	5,020	1,190	2,660
MIN	58	93	319	228	314	409	232	70	131	131	138	45
CFSM	0.52	6.79	3.29	1.36	3.00	3.42	3.43	0.97	2.57	2.89	1.00	0.55
IN.	0.60	7.58	3.79	1.57	3.12	3.95	3.83	1.11	2.87	3.33	1.16	0.62

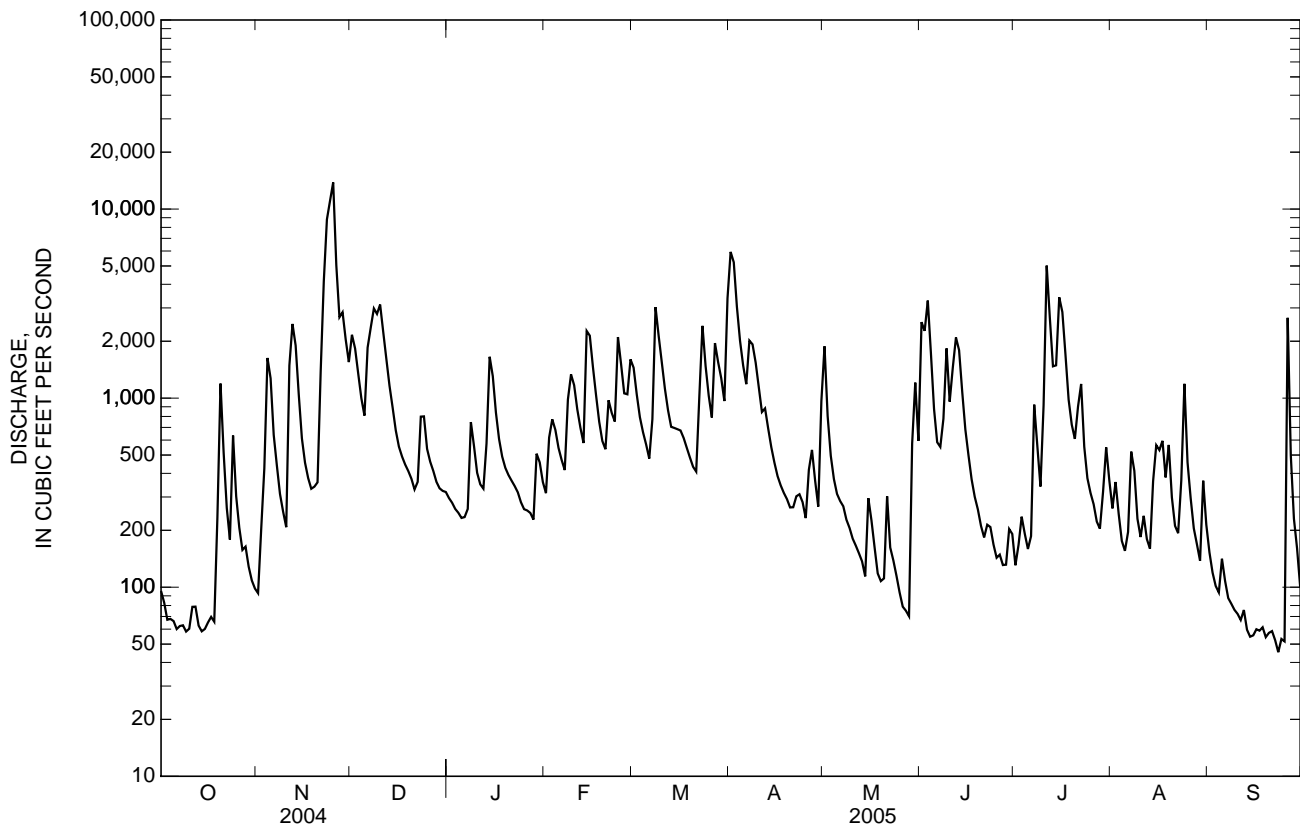
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

MEAN	241	574	590	1,011	1,018	1,225	851	598	586	410	201	362
MAX	901	2,276	1,319	2,174	1,667	2,174	1,944	3,453	1,499	967	481	1,148
(WY)	(1996)	(2005)	(2003)	(1998)	(1998)	(1996)	(2000)	(2003)	(1997)	(2005)	(2003)	(2001)
MIN	31.8	101	97.9	401	197	584	373	83.2	73.1	58.6	61.2	34.1
(WY)	(2001)	(2000)	(2001)	(2000)	(2000)	(2004)	(2004)	(2000)	(2000)	(2000)	(1999)	(2000)

02423555 CAHABA RIVER NEAR HELENA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	265,518		301,929		636	
ANNUAL MEAN	725		827		1,082	
HIGHEST ANNUAL MEAN					364	
LOWEST ANNUAL MEAN					17,400	
HIGHEST DAILY MEAN	13,800	Nov 25	13,800	Nov 25	17,400	Apr 4, 2000
LOWEST DAILY MEAN	49	Sep 2	45	Sep 23	20	Oct 15, 2000
ANNUAL SEVEN-DAY MINIMUM	56	Aug 28	53	Sep 19	22	Oct 13, 2000
MAXIMUM PEAK FLOW			14,900	Nov 25	18,200	Apr 4, 2000
MAXIMUM PEAK STAGE			27.93	Nov 25	30.97	Apr 4, 2000
ANNUAL RUNOFF (CFSM)	2.17		2.47		1.90	
ANNUAL RUNOFF (INCHES)	29.48		33.53		25.81	
10 PERCENT EXCEEDS	1,750		1,970		1,500	
50 PERCENT EXCEEDS	250		411		251	
90 PERCENT EXCEEDS	66		81		56	

e Estimated



02423586 SHADES CREEK NEAR HOMEWOOD, AL

LOCATION.--Lat 33°26'55", long 86°48'49", in SE ¼ sec. 23, T. 18 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202 on footbridge, 0.3 mi upstream of Interstate 65, 0.3 mi downstream from State Highway 149 (Green Spring Highway), 2.5 mi southwest of Homewood, and at mile 42.6.

DRAINAGE AREA.--27.1 mi².

PERIOD OF RECORD.--February 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 610 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Nov. 1-3, 18, 27, 29, 30, Feb. 27, Aug. 16, 17. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1745	2,250	11.55	Jun 8	1715	2,140	11.26
Nov 24	0815	*2,730	*12.79				

Minimum discharge, 3.2 ft³/s, on several days, gage height, 3.55 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	e8.7	151	20	24	53	568	28	477	21	22	6.3
2	3.5	e17	63	19	108	42	207	18	444	19	15	4.9
3	3.4	e93	49	19	54	38	98	16	176	16	12	4.4
4	3.4	81	41	18	36	33	67	14	60	14	11	4.2
5	3.4	17	64	18	32	30	51	13	41	15	38	4.1
6	3.4	12	102	24	29	27	124	12	102	148	13	4.0
7	3.6	10	247	22	27	292	161	11	57	103	70	3.9
8	3.9	9.2	90	133	127	206	75	9.8	328	25	16	4.0
9	4.7	8.1	370	30	83	83	53	9.5	96	58	12	4.2
10	6.5	7.6	143	26	53	69	43	9.8	103	238	24	4.0
11	7.8	367	77	24	41	49	37	9.7	126	447	11	3.8
12	6.1	110	56	23	36	41	46	9.4	246	57	9.7	4.0
13	5.0	33	45	145	58	37	32	8.6	85	64	8.5	4.0
14	5.5	22	36	66	236	38	28	8.2	51	80	8.0	4.3
15	7.5	17	32	41	71	30	24	72	37	100	53	4.8
16	7.4	15	29	35	54	35	21	16	29	43	e30	5.5
17	8.1	14	27	30	43	31	20	11	24	28	e17	5.6
18	9.4	e16	25	27	36	26	19	9.9	21	21	66	5.7
19	148	22	23	25	32	23	18	8.6	18	29	19	4.8
20	44	16	21	25	52	22	17	116	16	23	18	4.5
21	13	309	21	23	66	22	16	28	19	48	27	4.6
22	9.4	697	124	22	35	322	22	15	15	20	22	4.8
23	17	365	140	20	113	93	27	13	14	15	15	4.4
24	55	1,380	43	19	109	53	17	11	14	12	10	4.5
25	12	172	35	19	49	42	15	10	16	11	8.7	8.0
26	9.3	83	31	19	40	39	96	9.8	12	10	7.7	254
27	13	e123	27	18	e86	130	28	9.5	12	43	7.0	11
28	11	97	25	18	93	88	18	9.1	169	17	6.7	5.8
29	7.7	e38	24	66	---	51	16	233	31	199	33	4.8
30	7.3	e83	22	30	---	47	157	89	17	57	47	4.4
31	7.2	---	21	21	---	604	---	61	---	21	9.3	---
TOTAL	450.3	4,242.6	2,204	1,045	1,823	2,696	2,121	898.9	2,856	2,002	666.6	397.3
MEAN	14.5	141	71.1	33.7	65.1	87.0	70.7	29.0	95.2	64.6	21.5	13.2
MAX	148	1,380	370	145	236	604	568	233	477	447	70	254
MIN	3.4	7.6	21	18	24	22	15	8.2	12	10	6.7	3.8
CFSM	0.54	5.22	2.62	1.24	2.40	3.21	2.61	1.07	3.51	2.38	0.79	0.49
IN.	0.62	5.82	3.03	1.43	2.50	3.70	2.91	1.23	3.92	2.75	0.92	0.55

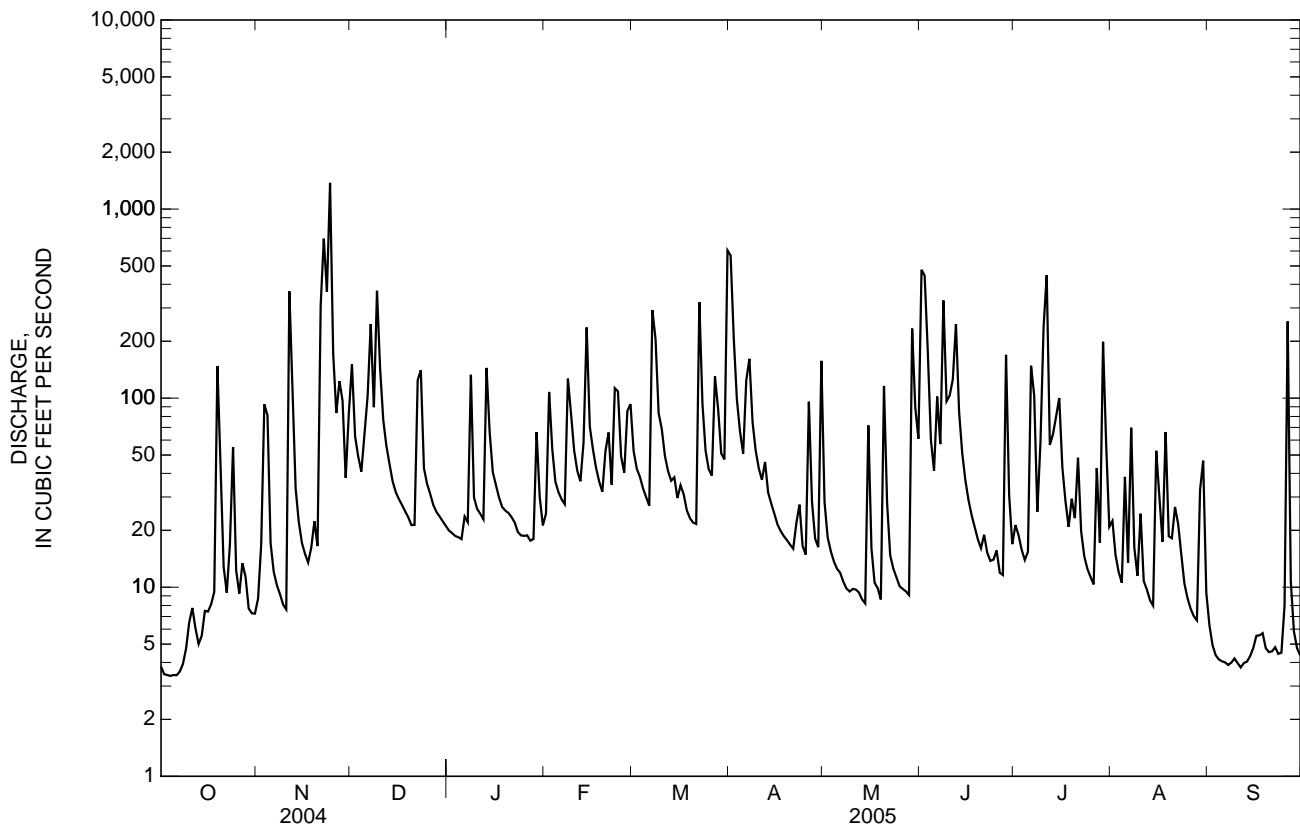
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

	2001	2002	2003	2004	2005
MEAN	24.6	70.6	67.2	55.0	82.8
MAX	66.1	141	108	109	118
(WY)	(2003)	(2005)	(2003)	(2002)	(2003)
MIN	3.38	20.7	22.2	33.7	46.0
(WY)	(2004)	(2004)	(2004)	(2005)	(2002)

02423586 SHADES CREEK NEAR HOMEWOOD, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 2001 - 2005	
ANNUAL TOTAL	19,102.3			21,402.7			57.1	
ANNUAL MEAN	52.2			58.6			80.5	
HIGHEST ANNUAL MEAN							37.2	
LOWEST ANNUAL MEAN							1,590	
HIGHEST DAILY MEAN	1,380	Nov 24		1,380	Nov 24		May 18, 2003	2003
LOWEST DAILY MEAN	3.4	Oct 3		3.4	Oct 3		Nov 8, 2003	2004
ANNUAL SEVEN-DAY MINIMUM	3.5	Oct 1		3.5	Oct 1		Nov 7, 2003	2003
MAXIMUM PEAK FLOW				2,730	Nov 24		Sep 22, 2002	2002
MAXIMUM PEAK STAGE				12.79	Nov 24		19.88	Sep 16, 2004
ANNUAL RUNOFF (CFSM)	1.93			2.16			2.11	
ANNUAL RUNOFF (INCHES)	26.22			29.38			28.62	
10 PERCENT EXCEEDS	94			128			117	
50 PERCENT EXCEEDS	15			24			21	
90 PERCENT EXCEEDS	5.2			5.8			4.8	

e Estimated



02423630 SHADES CREEK NEAR GREENWOOD, AL

LOCATION.--Lat 33°19'34", long 86°56'59", in SW 1/4 sec. 3, T. 20 S., R. 4 W., Jefferson County, Hydrologic Unit 03150202, near left bank on downstream side of bridge on county road, 1.4 mi southwest of Greenwood, 5.5 mi south of Bessemer, and at mile 20.8.

DRAINAGE AREA.--72.3 mi².

PERIOD OF RECORD.--October 1964 to September 1965, October 1966 to September 1973, October 1974 to September 1981, October 1997 to current year. October 1965 to September 1966, annual maximum; October 1973 to September 1974 (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 478.37 ft above NGVD of 1929. Prior to October 1, 1997, gage was at datum 480.37 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Dec. 26 - Jan. 4, Feb. 27, April 18-26, April 28 - May 1, May 3-12, Aug. 12-16. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	0815	3,210	13.74	Jul 11	1530	2,880	13.54
Nov 24	2045	*3,990	*14.16				

Minimum discharge, 6.9 ft³/s, Sept. 24, 25, gage height, 1.95 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	16	434	e50	39	157	1,490	e194	832	36	40	21
2	15	20	196	e47	189	107	1,310	57	454	44	60	16
3	15	84	139	e45	185	89	346	e44	733	40	31	14
4	13	318	110	e43	98	76	216	e42	137	33	26	11
5	12	93	102	39	76	63	150	e36	77	31	48	11
6	12	44	331	40	65	54	127	e34	73	51	108	10
7	11	33	440	48	58	122	475	e31	146	424	46	10
8	11	28	352	297	190	912	219	e30	148	82	180	9.8
9	11	25	756	108	230	234	156	e26	497	57	45	9.5
10	11	23	858	68	172	181	109	e26	99	392	45	9.1
11	16	544	285	61	102	122	89	e25	188	2,040	59	8.8
12	23	652	188	57	85	93	112	e23	879	506	e41	8.5
13	19	163	140	102	79	78	81	17	309	177	e37	8.1
14	15	85	108	281	763	78	62	16	152	148	e47	8.7
15	12	57	88	101	277	61	52	84	100	150	e82	7.9
16	12	45	80	80	167	68	45	55	74	195	e66	7.5
17	11	40	76	67	118	64	42	26	61	90	56	7.6
18	11	35	67	59	89	56	e48	19	52	73	30	8.7
19	21	38	59	55	73	46	e48	17	45	62	65	8.7
20	284	60	54	53	68	42	e47	16	40	65	25	8.8
21	47	357	51	51	223	39	e43	144	37	60	21	7.9
22	26	799	70	48	102	228	e51	32	39	108	31	7.4
23	20	2,150	481	40	105	405	e69	21	33	54	29	7.2
24	171	2,620	149	35	460	121	e54	17	31	44	24	6.9
25	57	1,670	101	33	169	85	e38	15	29	39	16	7.5
26	29	301	e87	33	115	68	e107	14	32	34	14	485
27	22	382	e78	31	e132	521	142	13	28	32	12	86
28	22	449	e70	30	360	388	e66	13	60	66	11	24
29	26	199	e61	104	---	185	e43	181	250	39	11	14
30	18	149	e56	80	---	121	e152	239	49	218	89	11
31	17	---	e52	49	---	1,020	---	83	---	49	41	---
TOTAL	1,006	11,479	6,119	2,235	4,789	5,884	5,989	1,590	5,684	5,439	1,436	861.6
MEAN	32.5	383	197	72.1	171	190	200	51.3	189	175	46.3	28.7
MAX	284	2,620	858	297	763	1,020	1,490	239	879	2,040	180	485
MIN	11	16	51	30	39	39	38	13	28	31	11	6.9
CFSM	0.45	5.29	2.73	1.00	2.37	2.63	2.76	0.71	2.62	2.43	0.64	0.40
IN.	0.52	5.91	3.15	1.15	2.46	3.03	3.08	0.82	2.92	2.80	0.74	0.44

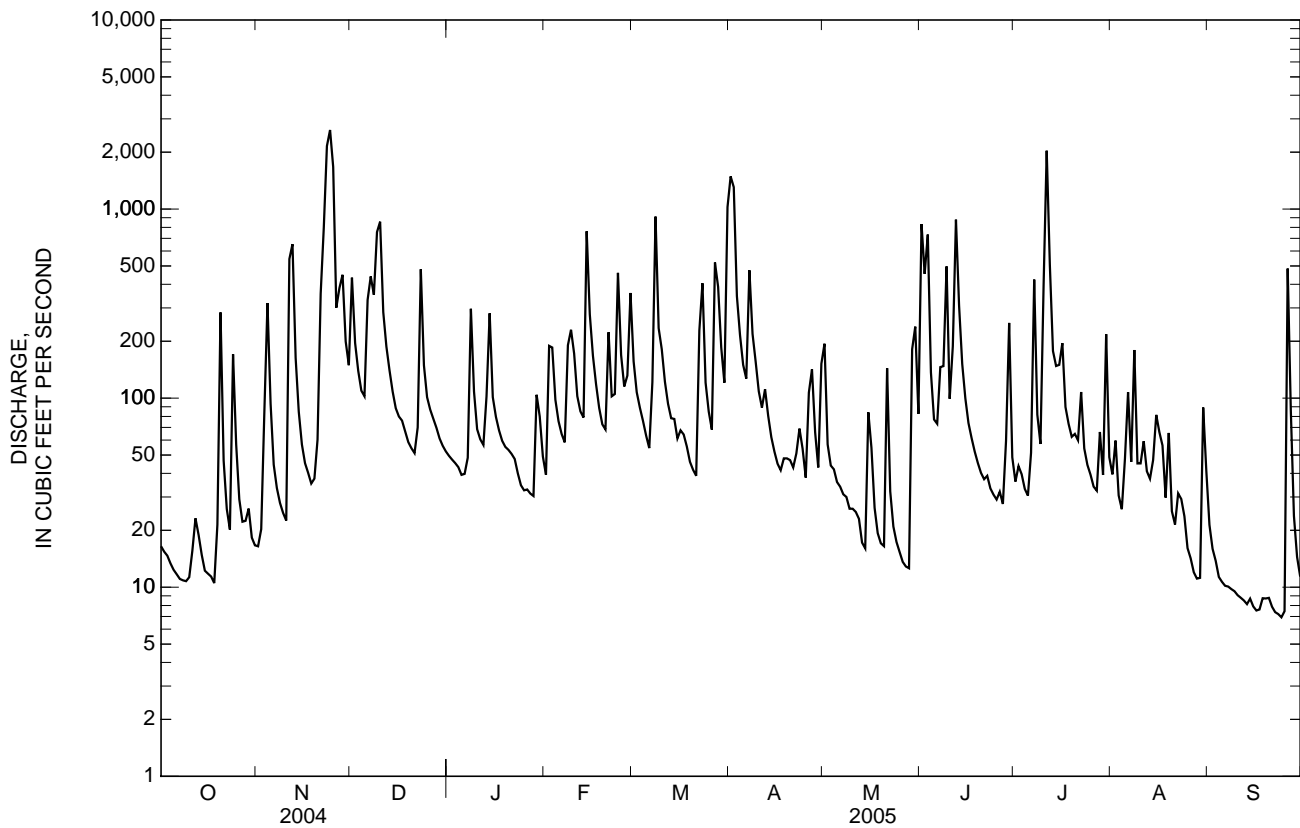
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

MEAN	51.9	89.7	147	237	211	326	216	139	86.8	73.2	57.2	80.4
MAX	282	383	475	447	552	800	763	567	245	177	307	275
(WY)	(1978)	(2005)	(1968)	(1975)	(1971)	(1980)	(1979)	(2003)	(1999)	(2003)	(1967)	(1979)
MIN	5.08	22.6	31.1	31.7	62.2	74.5	36.6	18.2	23.8	27.0	8.25	3.87
(WY)	(2001)	(1979)	(1981)	(1981)	(1968)	(1967)	(1967)	(2000)	(1977)	(2000)	(1999)	(2000)

02423630 SHADES CREEK NEAR GREENWOOD, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1965 - 2005	
ANNUAL TOTAL	51,561.7		52,511.6		143	
ANNUAL MEAN	141		144		219	2003
HIGHEST ANNUAL MEAN					82.2	1981
LOWEST ANNUAL MEAN					8,510	Apr 13, 1979
HIGHEST DAILY MEAN	4,670	Sep 17	2,620	Nov 24	0.37	Nov 2, 2000
LOWEST DAILY MEAN	6.9	Aug 9	6.9	Sep 24	0.50	Oct 30, 2000
ANNUAL SEVEN-DAY MINIMUM	8.9	Aug 4	7.8	Sep 19	15.19	Apr 13, 1979
MAXIMUM PEAK FLOW			3,990	Nov 24	1.97	
MAXIMUM PEAK STAGE			14.16	Nov 24	26.82	
ANNUAL RUNOFF (CFSM)	1.95		1.99		296	
ANNUAL RUNOFF (INCHES)	26.53		27.02		54	
10 PERCENT EXCEEDS	306		348		17	
50 PERCENT EXCEEDS	45		58			
90 PERCENT EXCEEDS	13		13			

e Estimated



02424000 CAHABA RIVER AT CENTREVILLE, AL

LOCATION.--Lat 32°56'42", long 87°08'21", in SE ¼ sec. 26, T. 23 N., R. 9 E., Bibb County, Hydrologic Unit 03150202, on left bank 60 ft downstream from U.S. Highway 82 bridge, 0.2 mi west of Centreville, 2.5 mi upstream from Sandy Creek, and at mile 81.2.

DRAINAGE AREA.--1,027 mi².

PERIOD OF RECORD.--August 1901 to February 1908, May 1929 to March 1932, May 1935 to current year. Gage height records collected at same site from January 1917 to December 1971 are contained in reports of National Weather Service.

REVISED RECORDS.--WSP 682: 1901-08. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 180.74 ft above NGVD of 1929. Prior to Jan. 31, 1939, nonrecording gage at same site. Prior to May 1929, at datum 1.15 ft lower.

REMARKS.--No estimated daily discharges. Records good. An average of 82 ft³/s is diverted upstream from station by Birmingham Water Works Board, and is not included in records. Flow partly regulated by Purdy Lake (capacity, 15,300 acre-ft) on Little Cahaba River and several wastewater treatment plants. Satellite telemetry at station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 20,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	2200	*23,500	*25.12	Apr 2	0500	21,300	24.05

Minimum discharge, 256 ft³/s, Oct. 17, gage height, 1.08 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

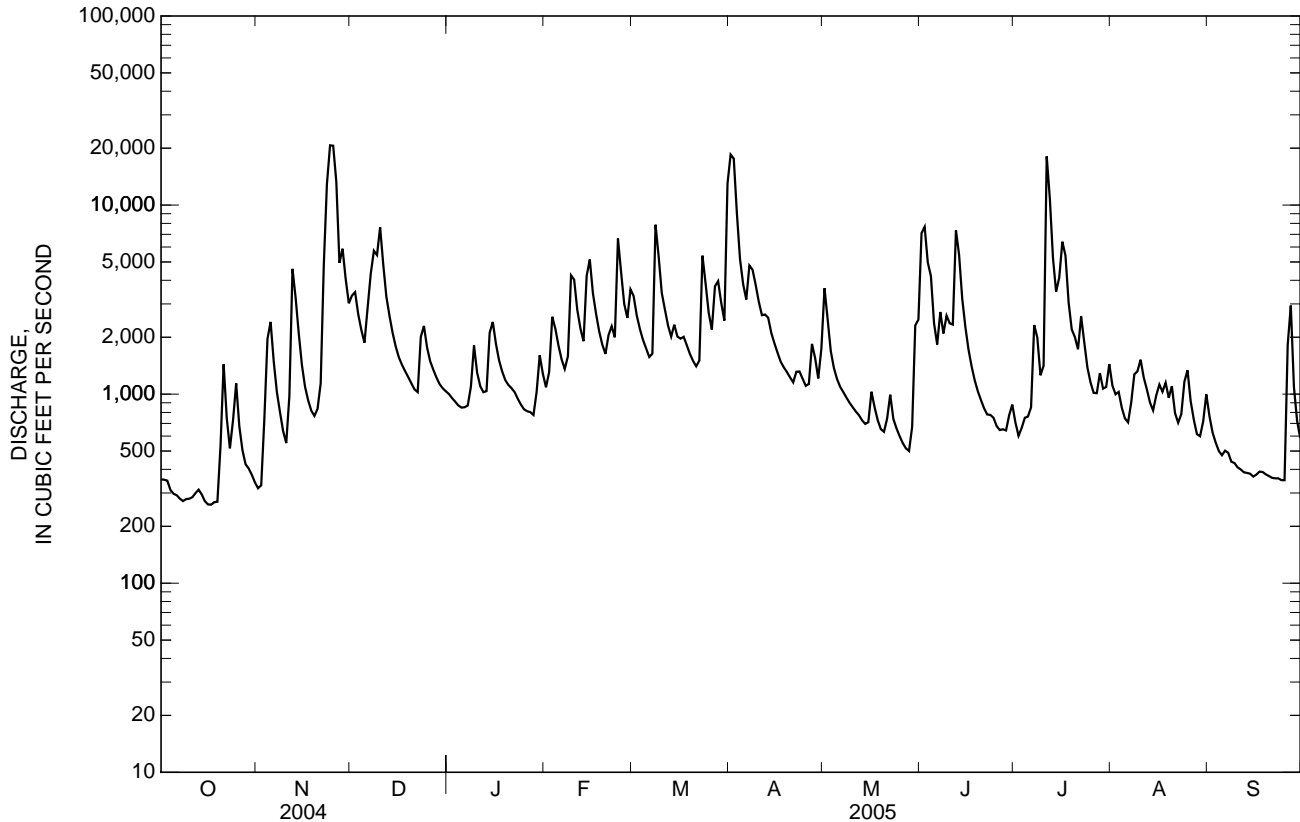
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	354	318	3,320	1,000	1,090	3,310	18,500	3,630	7,100	708	1,110	766
2	353	330	3,460	953	1,310	2,610	17,600	2,490	7,670	602	998	627
3	349	735	2,650	912	2,570	2,210	9,030	1,690	4,970	662	1,030	554
4	311	1,960	2,180	871	2,220	1,940	5,180	1,370	4,210	749	847	500
5	297	2,410	1,870	849	1,800	1,740	3,810	1,200	2,370	761	744	475
6	292	1,490	2,860	853	1,530	1,570	3,170	1,090	1,830	851	709	502
7	280	1,030	4,320	871	1,360	1,640	4,790	1,030	2,720	2,320	904	489
8	272	803	5,730	1,090	1,590	7,870	4,550	959	2,090	1,990	1,270	439
9	278	638	5,440	1,810	4,250	5,350	3,790	900	2,600	1,260	1,320	432
10	280	551	7,630	1,300	4,030	3,430	3,080	853	2,370	1,410	1,520	410
11	285	977	4,840	1,100	2,790	2,800	2,610	809	2,330	18,100	1,230	400
12	300	4,600	3,270	1,020	2,230	2,300	2,640	774	7,350	10,800	1,060	386
13	312	3,230	2,590	1,040	1,900	2,020	2,540	727	5,460	5,250	903	383
14	295	2,090	2,100	2,110	4,230	2,330	2,100	696	3,200	3,480	820	379
15	272	1,430	1,780	2,410	5,150	2,010	1,860	710	2,270	4,130	985	366
16	261	1,100	1,560	1,850	3,410	1,960	1,650	1,030	1,730	6,400	1,120	375
17	260	927	1,430	1,510	2,660	2,010	1,480	853	1,400	5,400	1,030	389
18	268	818	1,320	1,320	2,150	1,810	1,390	728	1,180	3,050	1,150	387
19	270	767	1,230	1,190	1,820	1,630	1,310	653	1,040	2,200	956	377
20	532	835	1,140	1,120	1,630	1,500	1,230	632	929	2,000	1,100	369
21	1,440	1,140	1,060	1,070	2,060	1,400	1,150	742	841	1,730	793	361
22	743	4,830	1,030	1,020	2,280	1,510	1,310	993	781	2,580	706	359
23	517	12,900	2,010	945	2,000	5,400	1,320	739	776	1,880	783	359
24	728	20,700	2,290	880	6,650	3,850	1,210	659	750	1,380	1,170	351
25	1,140	20,600	1,760	831	4,410	2,690	1,110	600	678	1,150	1,340	351
26	678	13,300	1,490	812	3,000	2,200	1,130	551	646	1,020	920	1,820
27	506	4,950	1,350	803	2,530	3,720	1,840	517	652	1,010	733	2,940
28	426	5,880	1,220	776	3,580	3,960	1,550	500	643	1,290	615	1,090
29	404	4,060	1,130	1,020	---	3,030	1,210	672	774	1,070	599	724
30	374	3,020	1,070	1,610	---	2,450	1,740	2,310	880	1,090	718	587
31	341	---	1,030	1,280	---	13,000	---	2,480	---	1,440	997	---
TOTAL	13,418	118,419	76,160	36,226	76,230	95,250	105,880	33,587	72,240	87,763	30,180	17,947
MEAN	433	3,947	2,457	1,169	2,722	3,073	3,529	1,083	2,408	2,831	974	598
MAX	1,440	20,700	7,630	2,410	6,650	13,000	18,500	3,630	7,670	18,100	1,520	2,940
MIN	260	318	1,030	776	1,090	1,400	1,110	500	643	602	599	351
CFSM	0.42	3.84	2.39	1.14	2.65	2.99	3.44	1.05	2.34	2.76	0.95	0.58
IN.	0.49	4.29	2.76	1.31	2.76	3.45	3.84	1.22	2.62	3.18	1.09	0.65

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1901 - 2005, BY WATER YEAR (WY)

MEAN	492	929	1,591	2,624	3,281	3,522	2,678	1,433	862	800	605	560
MAX	3,407	11,050	7,026	7,809	12,210	10,290	9,861	5,973	3,122	4,852	5,430	3,867
(WY)	(1907)	(1930)	(1962)	(1937)	(1961)	(1976)	(1979)	(2003)	(1997)	(1940)	(1939)	(1906)
MIN	114	142	276	343	709	694	251	246	182	236	173	128
(WY)	(1905)	(1932)	(1939)	(1956)	(2000)	(1986)	(1986)	(1904)	(1988)	(1954)	(1954)	(1954)

02424000 CAHABA RIVER AT CENTREVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1901 - 2005	
ANNUAL TOTAL	561,923		763,300		1,603	
ANNUAL MEAN	1,535		2,091		2,827	
HIGHEST ANNUAL MEAN					433	
LOWEST ANNUAL MEAN					71,700	
HIGHEST DAILY MEAN	20,700	Nov 24	20,700	Nov 24	2,827	1949
LOWEST DAILY MEAN	221	Aug 9	260	Oct 17	433	1986
ANNUAL SEVEN-DAY MINIMUM	267	Aug 29	277	Oct 13	90	Oct 24, 1904
MAXIMUM PEAK FLOW			23,500	Nov 24	94	Oct 23, 1904
MAXIMUM PEAK STAGE			25.12	Nov 24	83,600	Mar 29, 1951
ANNUAL RUNOFF (CFSM)	1.49		2.04		36.63	Apr 8, 1938
ANNUAL RUNOFF (INCHES)	20.35		27.65		1.56	
10 PERCENT EXCEEDS	3,340		4,280		21.21	
50 PERCENT EXCEEDS	756		1,230		3,280	
90 PERCENT EXCEEDS	301		388		715	
					240	



DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.41	1.29	6.95	2.92	3.11	6.93	21.85	7.39	10.37	2.23	3.15	2.37
2	1.41	1.33	7.25	2.81	3.55	5.87	22.25	5.75	13.08	1.96	2.91	2.02
3	1.39	2.42	6.06	2.72	5.80	5.22	15.13	4.30	9.15	2.11	2.97	1.83
4	1.27	4.75	5.33	2.62	5.23	4.75	9.71	3.70	8.50	2.33	2.57	1.68
5	1.22	5.76	4.80	2.57	4.51	4.40	7.75	3.35	5.56	2.36	2.32	1.61
6	1.20	4.09	6.21	2.58	4.00	4.08	6.73	3.12	4.56	2.54	2.23	1.68
7	1.16	3.14	8.27	2.62	3.67	4.18	8.70	2.97	6.03	5.28	2.70	1.65
8	1.13	2.63	10.13	3.11	4.06	11.74	8.76	2.83	5.02	4.90	3.47	1.50
9	1.16	2.22	9.57	4.51	8.09	10.04	7.61	2.69	5.70	3.46	3.59	1.48
10	1.16	1.99	12.30	3.55	8.05	7.21	6.60	2.58	5.55	3.74	3.98	1.41
11	1.18	2.92	9.35	3.14	6.15	6.17	5.88	2.48	5.41	18.62	3.39	1.38
12	1.23	8.58	7.08	2.97	5.25	5.38	5.91	2.39	11.06	17.29	3.04	1.34
13	1.27	7.02	5.98	3.00	4.69	4.89	5.75	2.28	10.32	10.04	2.70	1.33
14	1.21	5.17	5.20	4.93	7.64	5.42	5.04	2.20	6.86	7.18	2.50	1.32
15	1.13	3.97	4.64	5.55	9.65	4.88	4.61	2.23	5.32	7.91	2.88	1.28
16	1.10	3.29	4.24	4.59	7.17	4.80	4.24	2.98	4.37	10.91	3.17	1.31
17	1.09	2.92	3.98	3.96	5.95	4.88	3.91	2.58	3.75	9.91	2.98	1.35
18	1.12	2.67	3.76	3.59	5.11	4.53	3.72	2.28	3.31	6.66	3.24	1.34
19	1.13	2.55	3.58	3.32	4.55	4.19	3.57	2.09	2.99	5.20	2.81	1.31
20	1.83	2.71	3.39	3.17	4.20	3.94	3.40	2.03	2.76	4.87	3.13	1.29
21	3.99	3.35	3.22	3.08	4.95	3.76	3.25	2.31	2.55	4.37	2.44	1.26
22	2.48	8.61	3.14	2.97	5.34	3.95	3.57	2.90	2.41	5.80	2.22	1.25
23	1.89	16.21	4.70	2.79	4.85	9.18	3.59	2.31	2.40	4.65	2.41	1.25
24	2.41	22.07	5.35	2.64	10.54	7.89	3.36	2.10	2.33	3.72	3.25	1.23
25	3.38	23.85	4.44	2.53	8.73	5.99	3.15	1.95	2.15	3.25	3.61	1.23
26	2.32	19.89	3.93	2.48	6.57	5.20	3.20	1.82	2.07	2.95	2.73	4.08
27	1.86	9.60	3.64	2.46	5.75	7.15	4.57	1.72	2.09	2.93	2.29	6.55
28	1.63	10.30	3.40	2.40	7.21	8.00	4.04	1.68	2.06	3.53	1.99	3.10
29	1.57	8.22	3.20	2.96	---	6.52	3.37	2.12	2.39	3.07	1.95	2.27
30	1.47	6.62	3.08	4.14	---	5.61	4.33	5.18	2.64	3.11	2.25	1.92
31	1.37	---	2.99	3.51	---	14.33	---	5.65	---	3.83	2.91	---
MEAN	1.59	6.67	5.46	3.23	5.87	6.16	6.58	2.97	5.09	5.51	2.83	1.82
MAX	3.99	23.85	12.30	5.55	10.54	14.33	22.25	7.39	13.08	18.62	3.98	6.55
MIN	1.09	1.29	2.99	2.40	3.11	3.76	3.15	1.68	2.06	1		

02424590 CAHABA RIVER NEAR SUTTLE, AL

LOCATION.--Lat 32°31'45", long 87°11'56", in NW ¼ sec. 20, T. 18 N., R. 9 E., Perry County, Hydrologic Unit 03150202, at bridge on County Road 6, 1.2 mi west of Suttle, 11 mi southeast of Marion, and 31.0 mi upstream from mouth.

DRAINAGE AREA.--1,480 mi².

PERIOD OF RECORD.--August 1987 to current year. Periodic gage heights during high-water periods since 1949 have been collected by National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 97.64 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Feb. 27, May 6-30, June 21 - July 5. Records poor. For diversion above station see REMARKS for station at Centreville.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 30, 1951 reached a stage of 42.8 ft, flood of Feb. 25, 1961 reached a stage of 44.0 ft, and flood of Apr. 15, 1979 reached a stage of 41.55 ft (discharges not determined) from information furnished by National Weather Service.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 16,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 27	1800	20,300	30.32	Jul 13	1600	19,600	29.56
Apr 4	0600	*23,200	*33.19				

Minimum discharge, 613 ft³/s, Oct. 18, 19, gage height, 3.92 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	964	736	4,600	1,640	1,820	5,200	13,200	4,260	6,770	e1,260	2,410	1,980
2	905	837	4,770	1,590	2,340	4,400	18,800	4,800	10,100	e1,150	2,080	1,520
3	875	1,090	4,420	1,540	3,330	3,540	22,100	3,310	11,700	e1,070	1,890	1,280
4	849	1,850	3,600	1,500	3,840	3,030	22,600	2,510	8,580	e1,050	1,830	1,150
5	791	2,930	3,080	1,460	3,010	2,720	18,100	2,270	5,450	e1,110	1,660	1,070
6	752	2,880	2,950	1,430	2,460	2,500	10,800	e2,080	3,380	2,140	1,540	1,050
7	731	2,000	4,410	1,430	2,150	2,350	6,390	e1,890	2,960	5,300	1,540	1,010
8	704	1,570	5,940	1,610	2,000	4,330	7,310	e1,760	3,650	4,320	1,620	984
9	684	1,340	7,060	1,890	3,510	8,510	6,860	e1,650	2,870	3,040	2,070	919
10	699	1,180	7,860	2,210	6,130	7,340	5,510	e1,560	3,500	2,820	2,280	881
11	729	1,150	8,790	1,810	5,200	4,690	4,530	e1,460	3,210	13,300	2,670	842
12	737	2,410	6,370	1,640	3,730	3,730	4,450	e1,380	6,100	16,800	2,440	811
13	731	5,000	4,460	1,600	3,010	3,130	4,430	e1,280	9,330	19,200	2,550	778
14	718	3,730	3,570	1,800	3,230	3,120	3,920	e1,220	8,760	17,300	2,080	761
15	694	2,550	2,980	2,810	6,020	3,500	3,320	e1,200	4,980	10,400	1,860	751
16	655	1,940	2,620	2,760	6,430	3,170	2,970	e1,290	3,350	7,440	1,750	738
17	630	1,640	2,390	2,220	4,570	3,230	2,710	e1,400	2,630	8,940	1,750	854
18	620	1,470	2,240	1,930	3,500	3,030	2,530	e1,290	2,250	7,450	1,680	866
19	625	1,370	2,120	1,770	2,870	2,710	2,430	e1,140	1,990	4,620	1,690	798
20	704	1,340	2,000	1,660	2,520	2,500	2,350	e1,020	1,810	3,820	1,580	749
21	843	1,470	1,900	1,610	2,430	2,370	2,300	e1,000	e1,650	3,980	1,620	721
22	1,710	2,490	1,840	1,560	2,900	2,390	2,300	e1,080	e1,510	3,490	1,440	693
23	1,240	5,990	2,160	1,510	2,900	3,860	2,330	e1,240	e1,420	3,820	1,390	674
24	1,130	10,800	2,920	1,430	4,910	6,710	2,280	e1,100	e1,340	2,880	1,350	675
25	1,270	14,100	2,820	1,370	7,860	5,100	2,180	e1,000	e1,230	2,350	1,620	765
26	1,580	17,300	2,310	1,330	6,220	3,640	2,310	e905	e1,160	2,080	1,730	4,380
27	1,200	19,900	2,070	1,300	e4,630	3,880	2,430	e857	e1,140	1,910	1,430	4,840
28	998	17,500	1,940	1,290	4,690	5,470	2,760	e802	e1,130	1,980	1,260	3,840
29	882	11,300	1,840	1,500	---	5,170	2,370	e809	e1,140	2,510	1,450	1,930
30	820	6,020	1,750	1,810	---	4,020	2,880	e1,300	e1,220	2,470	2,130	1,450
31	780	---	1,690	2,100	---	7,100	---	3,950	---	2,300	1,940	---
TOTAL	27,250	145,883	109,470	53,110	108,210	126,440	189,450	52,813	116,310	162,300	56,330	39,760
MEAN	879	4,863	3,531	1,713	3,865	4,079	6,315	1,704	3,877	5,235	1,817	1,325
MAX	1,710	19,900	8,790	2,810	7,860	8,510	22,600	4,800	11,700	19,200	2,670	4,840
MIN	620	736	1,690	1,290	1,820	2,350	2,180	802	1,130	1,050	1,260	674
CFSM	0.59	3.29	2.39	1.16	2.61	2.76	4.27	1.15	2.62	3.54	1.23	0.90
IN.	0.68	3.67	2.75	1.33	2.72	3.18	4.76	1.33	2.92	4.08	1.42	1.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

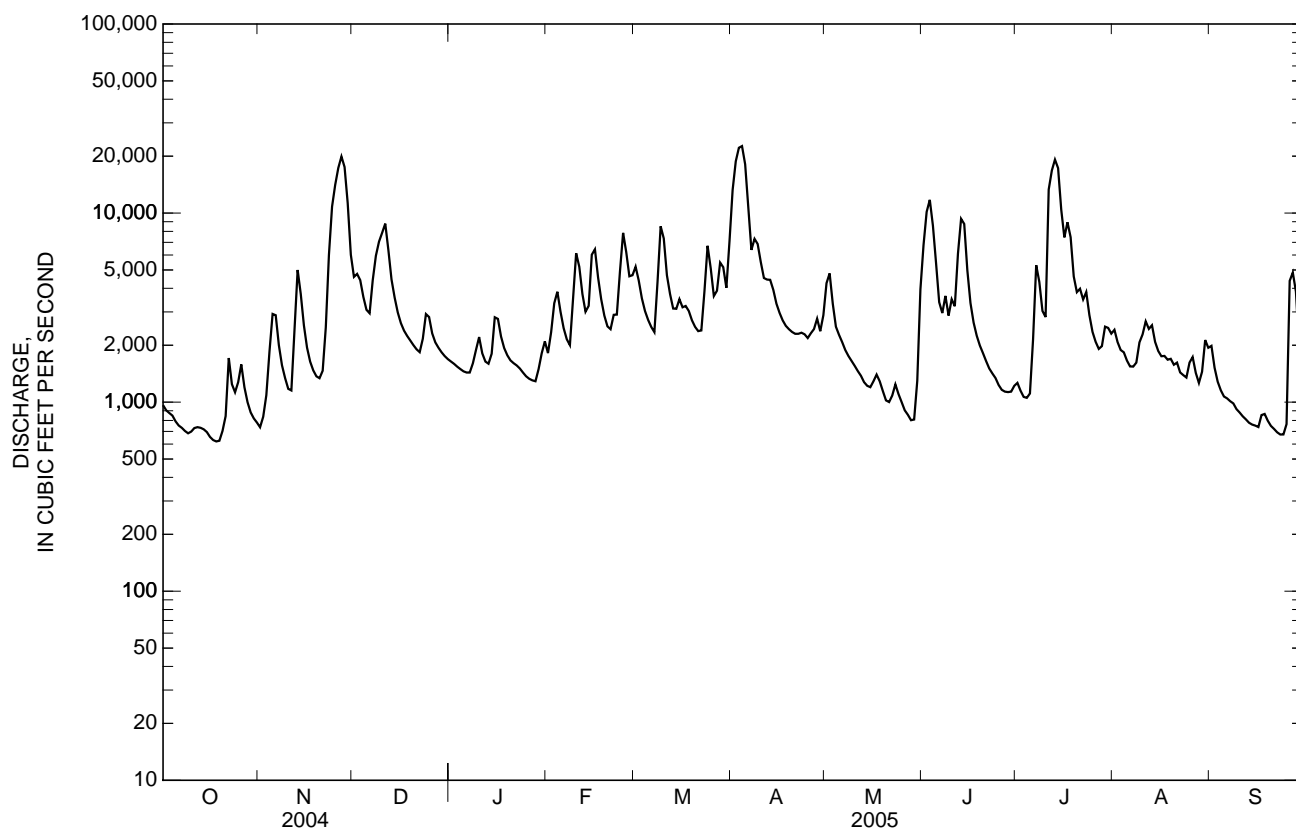
MEAN	842	1,605	2,122	3,651	4,561	4,714	3,158	1,928	1,696	1,745	844	1,061
MAX	2,736	4,863	4,345	8,699	13,980	7,397	6,315	7,676	4,441	5,783	1,901	3,037
(WY)	(1996)	(2005)	(2003)	(1998)	(1990)	(2001)	(2005)	(2003)	(2003)	(1989)	(2003)	(2001)
MIN	264	521	700	1,624	1,044	1,216	1,389	594	327	362	354	274
(WY)	(2001)	(1988)	(1988)	(2000)	(2000)	(1988)	(1988)	(1988)	(1988)	(2000)	(1988)	(2000)

MOBILE RIVER BASIN

02424590 CAHABA RIVER NEAR SUTTLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005	
ANNUAL TOTAL	809,010		1,187,326		2,318	
ANNUAL MEAN	2,210		3,253		3,588	
HIGHEST ANNUAL MEAN					968	
LOWEST ANNUAL MEAN					64,100	
HIGHEST DAILY MEAN	19,900	Nov 27	22,600	Apr 4	226	Feb 18, 1990
LOWEST DAILY MEAN	350	Sep 15	620	Oct 18	233	Oct 5, 2000
ANNUAL SEVEN-DAY MINIMUM	405	Aug 4	664	Oct 14	67,900	Oct 30, 2000
MAXIMUM PEAK FLOW			23,200	Apr 4	41.09	Feb 18, 1990
MAXIMUM PEAK STAGE			33.19	Apr 4	1.57	
ANNUAL RUNOFF (CFSM)	1.49		2.20		21.28	
ANNUAL RUNOFF (INCHES)	20.33		29.84		4,940	
10 PERCENT EXCEEDS	4,790		6,540		1,280	
50 PERCENT EXCEEDS	1,310		2,140		469	
90 PERCENT EXCEEDS	615		847			

e Estimated



02425000 CAHABA RIVER NEAR MARION JUNCTION, AL

LOCATION.--Lat 32°26'38", long 87°10'49", in SE ¼ SW ¼ sec. 16, T. 17 N., R. 9 E., Dallas County, Hydrologic Unit 03140203, on right bank 10 ft downstream from bridge on U.S. Highway 80, 3.8 mi downstream from Oakmulgee Creek, 3.5 mi east of Marion Junction, and 21.4 mi upstream from mouth.

DRAINAGE AREA.--1,766 mi².

PERIOD OF RECORD.--October 1938 to September 1954, October 1968 to current year. Monthly discharge only October to December 1938, published WSP 1304. Gage-height records collected at same site from 1939 to 1971 are contained in reports of the National Weather Service.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 86.72 ft above NGVD of 1929 (levels by the U.S. Army Corps of Engineers). October 1940 to September 1954, nonrecording gage 12 mi downstream from base gage at same datum.

REMARKS.--Estimated daily discharge: Oct. 2-6, 8-9, 12-18, 20-24, 26-30; Nov. 1-2, 4-10; Feb. 27; Jun. 23-24; July 16-25, 29-31; Sept. 2-8. Records fair. For diversion above station see Remarks for station at Centreville.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Feb. 24, 1961, reached a stage of 43.80 ft, present datum, from floodmarks (discharge not determined).

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 14,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 28	0000	22,400	29.92	Jun 3	1600	15,000	22.75
Apr 4	1300	*29,100	*34.32	Jul 13	1800	22,700	30.10

Minimum discharge, 594 ft³/s, Oct. 19, gage height, 2.38 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	905	e740	5,780	1,720	2,340	6,460	16,400	5,250	8,220	1,340	3,020	2,550
2	e840	e1,070	5,520	1,670	3,670	5,810	22,000	6,340	12,000	1,180	2,570	e1,860
3	e815	1,610	5,330	1,600	4,660	4,610	26,400	5,040	14,600	1,100	2,180	e1,430
4	e800	e1,910	4,320	1,540	5,120	3,880	28,800	3,280	11,900	1,100	2,110	e1,210
5	e760	e2,980	3,650	1,490	4,350	3,400	25,400	2,560	7,530	1,160	1,810	e1,100
6	e730	e2,930	3,490	1,470	3,410	3,030	18,100	2,230	4,300	2,560	1,600	e1,060
7	707	e2,020	5,070	1,490	2,780	2,760	10,100	2,020	3,440	7,280	1,570	e1,010
8	e680	e1,700	7,070	2,050	2,570	4,770	9,330	1,870	4,200	5,780	1,670	e981
9	e670	e1,360	8,900	2,090	4,620	9,660	9,080	1,750	3,520	4,790	2,160	922
10	680	e1,210	9,530	2,620	7,720	9,800	7,270	1,640	3,790	4,370	2,540	886
11	710	1,190	10,600	2,110	7,030	6,320	5,790	1,550	4,060	15,800	3,290	849
12	e730	2,260	8,570	1,820	5,210	4,720	5,630	1,470	7,530	20,000	2,910	821
13	e720	5,750	5,660	1,860	4,030	3,920	5,550	1,380	10,600	22,200	3,060	797
14	e710	4,760	4,370	2,210	4,330	3,720	5,010	1,290	11,300	21,600	2,530	781
15	e700	3,150	3,600	3,180	6,780	4,260	4,220	1,270	6,890	15,700	2,140	769
16	e680	2,240	3,080	3,510	8,170	4,080	3,650	1,320	4,170	10,200	e1,880	757
17	e650	1,790	2,750	2,700	6,000	4,140	3,230	1,480	3,120	12,100	e1,850	828
18	e630	1,540	2,520	2,240	4,480	3,990	2,900	1,390	2,550	10,400	e1,810	893
19	625	1,400	2,350	1,990	3,630	3,510	2,670	1,210	2,180	6,520	e1,770	844
20	e680	1,370	2,190	1,830	3,100	3,050	2,500	1,120	1,900	4,890	e1,640	790
21	e886	1,520	2,050	1,750	3,010	2,770	2,400	1,070	1,720	4,840	e1,840	756
22	e1,680	2,470	1,990	1,690	3,440	2,790	2,570	1,130	1,570	4,430	e1,660	735
23	e1,360	6,250	2,890	1,620	3,700	5,210	2,520	1,360	e1,440	4,620	e1,600	718
24	e1,160	12,400	3,460	1,520	5,830	8,160	2,380	1,200	e1,360	3,640	e1,560	714
25	1,180	15,700	3,690	1,440	9,170	7,140	2,160	1,060	1,320	2,830	e1,820	800
26	e1,530	18,500	2,870	1,390	8,320	4,930	2,650	971	1,220	2,400	1,950	4,720
27	e1,260	21,500	2,400	1,360	e5,840	5,710	3,040	905	1,170	2,140	1,490	6,510
28	e1,050	21,500	2,160	1,330	6,100	6,840	3,300	856	1,170	2,490	1,260	5,420
29	e890	16,100	1,990	1,680	---	7,460	2,800	856	1,170	3,240	e1,620	2,620
30	e810	8,710	1,870	2,100	---	6,330	3,350	1,380	1,250	3,080	e2,550	1,690
31	780	---	1,790	2,620	---	10,000	---	4,030	---	2,720	e2,470	---
TOTAL	27,008	167,630	131,510	59,690	139,410	163,230	241,200	60,278	141,190	206,500	63,930	45,821
MEAN	871	5,588	4,242	1,925	4,979	5,265	8,040	1,944	4,706	6,661	2,062	1,527
MAX	1,680	21,500	10,600	3,510	9,170	10,000	28,800	6,340	14,600	22,200	3,290	6,510
MIN	625	740	1,790	1,330	2,340	2,760	2,160	856	1,170	1,100	1,260	714
CFSM	0.49	3.16	2.40	1.09	2.82	2.98	4.55	1.10	2.66	3.77	1.17	0.86
IN.	0.57	3.53	2.77	1.26	2.94	3.44	5.08	1.27	2.97	4.35	1.35	0.97

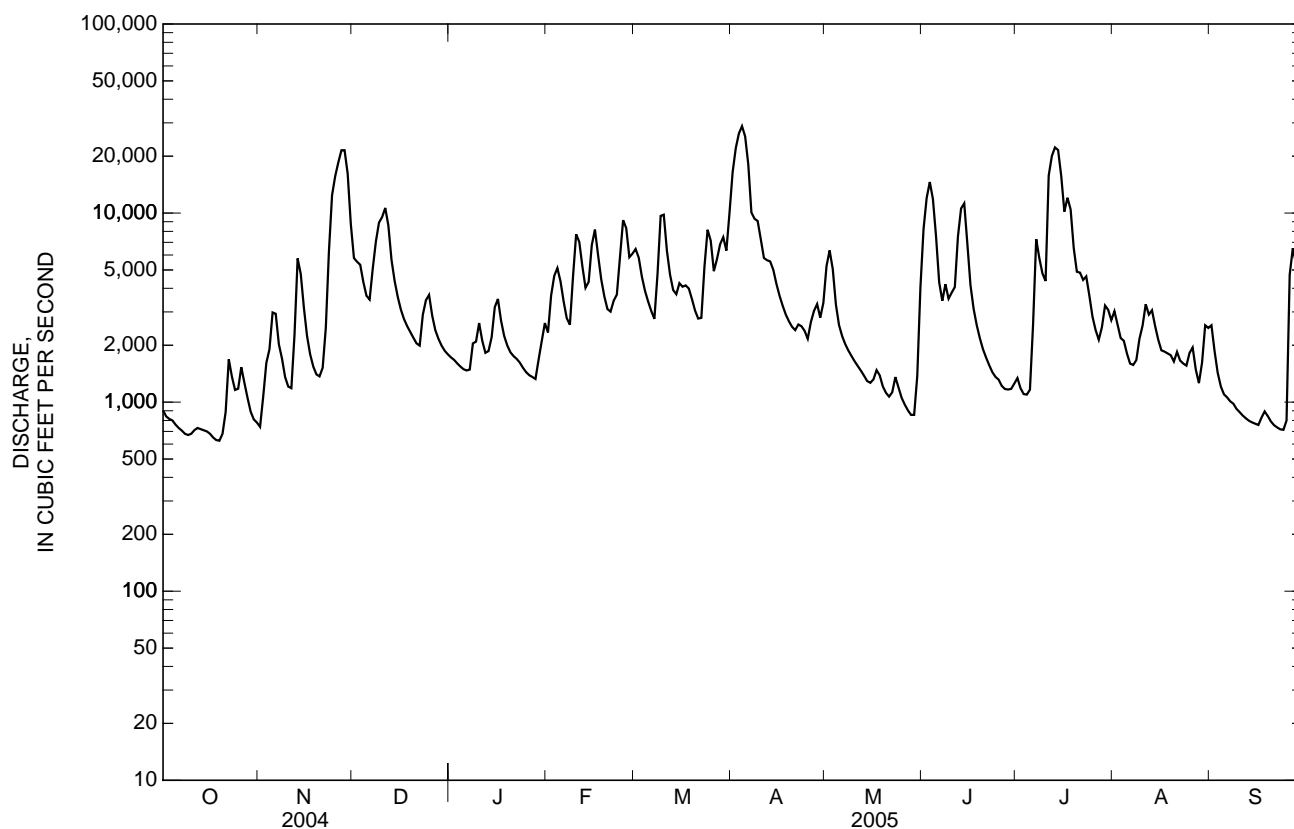
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

	MEAN	893	1,452	2,781	4,524	5,239	6,164	4,950	2,574	1,696	1,610	1,277	1,024
MAX	3,394	5,588	10,360	12,890	15,960	14,970	17,100	9,466	5,504	6,661	14,280	3,279	
(WY)	(1996)	(2005)	(1984)	(1972)	(1990)	(1980)	(1979)	(2003)	(2003)	(2005)	(1939)	(2001)	
MIN	302	484	530	816	1,324	1,363	645	690	348	410	279	230	
(WY)	(2001)	(1982)	(1939)	(1981)	(2000)	(1988)	(1986)	(1988)	(1988)	(2000)	(1954)	(1954)	

02425000 CAHABA RIVER NEAR MARION JUNCTION, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	946,073		1,447,397		2,837	
ANNUAL MEAN	2,585		3,965		4,489	
HIGHEST ANNUAL MEAN					932	
LOWEST ANNUAL MEAN					77,800	
HIGHEST DAILY MEAN	21,500	Nov 27	28,800	Apr 4	83,400	Aug 17, 1939
LOWEST DAILY MEAN	426	Aug 9	625	Oct 19	224	Sep 16, 1954
ANNUAL SEVEN-DAY MINIMUM	469	Aug 4	668	Oct 14	227	Sep 12, 1954
MAXIMUM PEAK FLOW			29,100	Apr 4	83,400	Aug 16, 1939
MAXIMUM PEAK STAGE			34.32	Apr 4	42.95	Aug 16, 1939
ANNUAL RUNOFF (CFSM)	1.46		2.25		1.61	
ANNUAL RUNOFF (INCHES)	19.93		30.49		21.83	
10 PERCENT EXCEEDS	5,810		8,630		6,470	
50 PERCENT EXCEEDS	1,400		2,520		1,440	
90 PERCENT EXCEEDS	647		853		516	

e Estimated



02427250 PINE BARREN CREEK NEAR SNOW HILL, AL

LOCATION.--Lat 31°59'46", long 87°04'06", in SE ¼ sec. 21, T. 12 N., R. 10 E., Wilcox County, Hydrologic Unit 03150203, at bridge on State Highway 21, 4 mi west of Snow Hill.

DRAINAGE AREA.--261 mi².

PERIOD OF RECORD.--October 1989 to current year. Operated as low-flow partial record station October 1959 to September 1967.

GAGE.--Water-stage recorder. Datum of gage is 126.60 ft above NGVD of 1929 (levels by Alabama Highway Department).

REMARKS.--Estimated daily discharges: Oct. 9-12; Sept. 9-14. Records poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 28	1600	6,740	19.53	Jul 12	1700	7,440	19.89
Apr 2	2100	*10,200	*21.07				

Minimum discharge, 53 ft³/s, Oct. 19, gage height, 2.52 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	80	145	533	189	331	282	4,750	529	1,940	68	220	252
2	77	141	549	178	1,710	219	9,240	390	1,670	65	147	199
3	73	547	333	167	2,340	193	7,180	247	1,160	124	220	151
4	71	2,240	258	160	1,390	187	1,420	203	526	223	353	130
5	68	1,250	238	156	667	180	773	182	249	169	482	119
6	65	489	514	160	486	169	743	206	177	149	317	112
7	63	307	536	168	395	162	2,730	189	141	457	249	105
8	61	235	562	507	353	169	3,050	166	127	235	241	e81
9	e62	194	512	491	1,310	176	1,260	147	183	116	230	e79
10	e73	167	681	280	1,430	160	723	136	146	429	246	e76
11	e96	194	454	226	771	150	585	128	315	4,080	303	e74
12	e82	330	282	202	481	144	1,270	121	3,170	6,540	438	e71
13	80	368	222	682	392	137	1,720	111	2,190	2,580	419	e69
14	72	259	185	2,840	360	134	895	103	594	514	310	e67
15	66	193	158	1,970	355	135	564	99	296	718	170	e65
16	63	163	145	652	317	294	462	96	205	1,750	160	e63
17	59	153	138	430	289	419	389	91	162	1,780	293	e72
18	56	138	138	332	259	277	341	84	134	1,020	232	e81
19	57	131	131	289	233	224	307	80	116	597	196	e71
20	1,050	140	125	267	221	198	283	77	101	355	132	e66
21	1,540	188	120	249	215	686	267	73	92	262	113	e64
22	542	267	156	231	212	653	324	70	84	473	149	e62
23	270	392	2,360	210	208	581	528	67	77	346	318	e65
24	464	1,360	2,030	188	240	497	344	65	72	249	275	67
25	1,330	1,760	778	179	245	323	247	63	65	221	161	103
26	735	942	435	177	215	273	255	60	61	151	133	563
27	415	511	320	171	223	4,710	462	58	57	129	121	852
28	271	739	262	162	347	6,530	333	56	56	250	111	317
29	217	544	231	250	---	4,040	235	56	56	521	169	157
30	184	344	214	290	---	857	432	80	60	256	970	118
31	161	---	201	234	---	2,410	---	153	---	295	545	---
TOTAL	8,503	14,831	13,801	12,687	15,995	25,569	42,112	4,186	14,282	25,122	8,423	4,371
MEAN	274	494	445	409	571	825	1,404	135	476	810	272	146
MAX	1,540	2,240	2,360	2,840	2,340	6,530	9,240	529	3,170	6,540	970	852
MIN	56	131	120	156	208	134	235	56	56	65	111	62
CFSM	1.05	1.89	1.71	1.57	2.19	3.16	5.38	0.52	1.82	3.10	1.04	0.56
IN.	1.21	2.11	1.97	1.81	2.28	3.64	6.00	0.60	2.04	3.58	1.20	0.62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

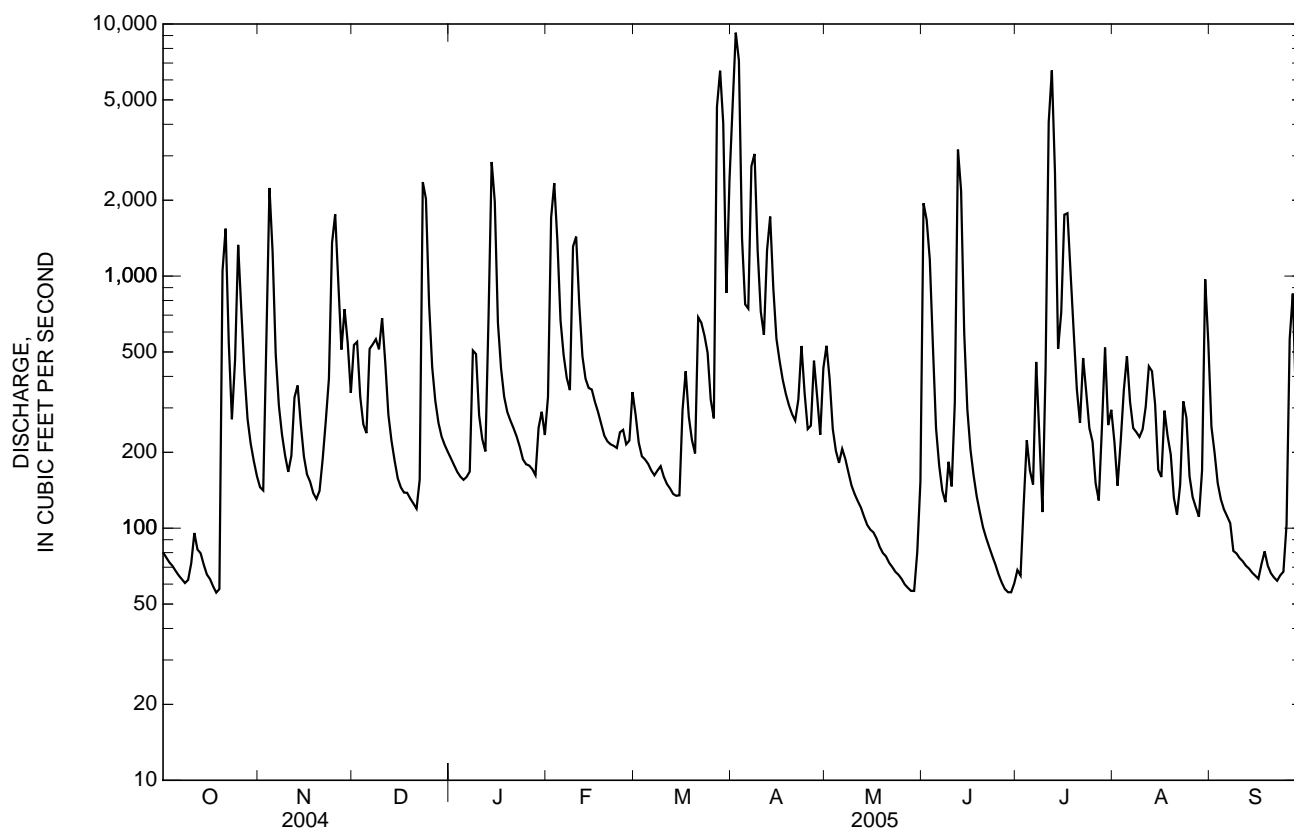
MEAN	139	286	437	598	692	868	435	220	227	221	122	198
MAX	504	1,328	1,144	1,371	1,566	2,532	1,404	1,200	476	810	438	1,176
(WY)	(1996)	(1993)	(1993)	(1998)	(1990)	(2001)	(2005)	(1991)	(2005)	(2005)	(2003)	(1998)
MIN	14.4	40.2	54.7	206	183	183	68.8	31.9	20.3	14.4	15.6	18.5
(WY)	(2001)	(1991)	(1991)	(2002)	(2000)	(2004)	(2004)	(2000)	(2000)	(2000)	(2000)	(2000)

MOBILE RIVER BASIN

02427250 PINE BARREN CREEK NEAR SNOW HILL, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	110,233		189,882		369	
ANNUAL MEAN	301		520		543	
HIGHEST ANNUAL MEAN					109	
LOWEST ANNUAL MEAN					25,000	
HIGHEST DAILY MEAN	8,640	Sep 18	9,240	Apr 2	30,400	Mar 4, 2001
LOWEST DAILY MEAN	27	Aug 9	56	Oct 18	9.5	Aug 26, 2000
ANNUAL SEVEN-DAY MINIMUM	33	Aug 4	60	Jun 25	10	Aug 23, 2000
MAXIMUM PEAK FLOW			10,200	Apr 2	25.70	Mar 4, 2001
MAXIMUM PEAK STAGE			21.07	Apr 2	1.41	
ANNUAL RUNOFF (CFSM)	1.15		1.99		19.20	
ANNUAL RUNOFF (INCHES)	15.71		27.06		702	
10 PERCENT EXCEEDS	534		1,250		128	
50 PERCENT EXCEEDS	138		231		37	
90 PERCENT EXCEEDS	50		71			

e Estimated



02427506 ALABAMA RIVER BELOW MILLERS FERRY LOCK AND DAM NEAR CAMDEN, AL

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 77.90 ft, Apr. 5; minimum elevation, 33.34 ft, July 4.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.33	37.11	61.10	41.02	39.66	50.74	71.41	48.57	44.63	37.67	38.35	36.98
2	35.57	38.54	57.28	40.74	45.01	49.68	74.88	50.74	50.13	37.00	39.66	37.31
3	39.21	38.16	52.62	38.17	49.84	47.67	76.77	46.50	49.41	35.07	38.70	38.15
4	37.97	46.08	50.73	38.37	50.73	43.95	77.66	44.70	47.23	35.02	38.96	37.74
5	36.15	50.10	50.57	38.62	48.55	41.89	77.86	42.92	45.59	37.20	39.32	37.14
6	36.23	48.00	49.04	38.73	44.30	41.49	77.00	41.61	40.48	39.68	40.67	38.34
7	37.57	46.17	48.71	38.32	40.39	37.60	74.43	40.33	40.70	47.22	37.16	35.25
8	36.38	45.23	51.74	40.41	42.95	41.19	71.49	39.43	38.93	52.79	37.58	36.24
9	37.35	43.74	54.09	40.72	45.64	47.60	68.76	40.22	40.99	53.60	37.64	37.24
10	37.16	41.55	56.66	40.16	55.17	49.02	65.86	36.55	43.61	54.98	39.97	36.60
11	37.61	42.79	56.77	38.39	52.06	47.35	61.97	37.91	45.58	63.67	40.92	36.22
12	36.93	44.02	54.66	39.81	49.18	43.45	57.61	39.26	53.14	67.61	42.73	35.32
13	37.34	45.27	50.87	40.40	44.76	42.20	53.21	38.11	51.91	66.13	41.63	35.91
14	35.73	46.13	49.15	46.53	39.51	39.82	50.50	37.90	43.98	64.25	41.72	37.20
15	37.57	43.76	48.50	48.17	47.09	39.61	47.00	37.70	41.57	62.69	42.19	36.81
16	35.97	38.63	46.77	44.01	47.23	41.88	43.99	37.84	40.49	63.75	42.12	36.86
17	36.00	38.57	45.85	42.02	46.16	44.48	42.86	38.29	39.42	63.57	40.85	36.86
18	36.56	40.66	45.88	39.73	42.42	42.86	39.29	38.42	38.66	61.19	41.46	34.80
19	36.27	41.19	45.85	40.83	43.75	43.01	39.73	37.70	38.22	55.69	41.90	35.47
20	39.36	39.18	44.22	41.34	38.94	41.33	39.24	37.86	36.64	50.25	41.23	35.90
21	41.28	36.48	43.51	39.31	40.04	39.38	39.64	38.77	36.18	45.57	41.31	35.71
22	39.44	40.36	43.87	39.10	41.57	39.87	41.99	37.56	36.52	44.80	38.54	35.57
23	39.17	44.96	47.19	38.22	44.31	45.68	42.27	37.13	36.74	45.00	37.67	36.48
24	39.86	53.23	51.00	38.23	45.49	49.65	41.36	36.96	36.82	43.31	37.33	36.16
25	38.11	60.98	50.20	38.04	49.18	50.31	38.85	38.35	36.70	40.83	38.47	35.98
26	40.12	64.14	48.17	37.27	48.63	50.38	40.24	39.42	36.76	40.53	39.63	37.59
27	41.27	64.73	45.53	38.02	48.12	57.48	41.90	36.63	36.41	41.68	38.65	42.52
28	38.10	65.31	43.64	39.35	51.02	64.24	44.86	37.30	35.61	40.64	38.30	37.15
29	37.10	65.24	41.30	40.31	---	66.19	43.06	36.47	35.71	40.70	40.13	37.06
30	37.65	63.54	39.36	40.13	---	67.64	43.12	36.38	36.63	41.01	40.86	36.58
31	36.95	---	40.79	38.50	---	68.17	---	37.56	---	40.95	39.45	---
MEAN	37.72	47.13	48.89	40.10	45.77	47.61	54.29	39.52	41.18	48.84	39.84	36.77
MAX	41.28	65.31	61.10	48.17	55.17	68.17	77.86	50.74	53.14	67.61	42.73	42.52
MIN	35.57	36.48	39.36	37.27	38.94	37.60	38.85	36.38	35.61	35.02	37.16	34.80
WTR YR	2005	MEAN 43.95	MAX 77.86	MIN 34.80								

02428400 ALABAMA RIVER AT CLAIBORNE LOCK AND DAM NEAR MONROEVILLE, AL

LOCATION.--Lat 31°36'54", long 87°33'02", in NE ¼ SE ¼ sec. 34, T. 8 N., R. 5 E., Monroe County, Hydrologic Unit 03150204, just upstream from Claiborne Lock and Dam, 3.5 mi upstream from Flat Creek, 3.8 mi downstream from Silver Creek, 15 mi northwest of Monroeville, and at mile 81.9.

DRAINAGE AREA.--21,473 mi².

PERIOD OF RECORD.--October 1975 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-86-1: 1981, 1983-85 (maximum gage heights).

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (datum published incorrectly 1976-77, 1979-85).

REMARKS.--Estimated daily discharges: Oct. 5, 6, 29; Feb. 17, 27, 28; July 20-28. Discharge records good except for periods of estimated daily discharges which are fair. Flow regulated by reservoirs on Etowah, Coosa, Tallapoosa, and Alabama Rivers. (See Reservoirs in Mobile River basin).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 178,000 ft³/s, Apr. 5; minimum discharge, 935 ft³/s, Oct. 6.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13,800	10,100	106,000	28,300	21,700	82,400	127,000	53,800	38,700	13,200	19,000	12,200
2	4,400	19,200	93,500	27,600	44,200	80,700	133,000	81,400	65,100	12,600	21,100	13,200
3	15,400	19,400	72,000	20,300	69,800	66,300	142,000	60,500	74,000	8,030	19,800	15,000
4	14,100	48,300	81,200	15,600	81,500	44,100	151,000	43,900	56,300	5,650	20,100	14,700
5	e8,560	65,100	92,100	20,200	74,500	34,100	162,000	37,500	51,100	10,300	21,400	11,500
6	e10,600	60,800	80,900	19,000	46,900	32,600	166,000	32,100	29,300	23,800	26,700	17,500
7	7,120	49,800	72,300	16,900	27,300	15,100	162,000	25,900	27,400	49,300	15,300	6,490
8	6,980	49,100	78,200	25,100	34,300	23,300	151,000	22,600	18,100	79,100	11,700	6,530
9	12,000	42,300	68,000	30,100	45,000	52,000	141,000	23,100	26,700	75,800	12,700	12,300
10	12,600	31,700	70,700	24,400	73,900	59,700	126,000	13,600	38,600	69,600	24,200	10,600
11	13,100	34,800	75,000	16,400	87,400	57,700	115,000	13,200	47,300	104,000	28,500	8,810
12	12,700	39,600	71,000	23,500	68,600	40,800	98,800	20,800	70,600	117,000	34,700	5,450
13	11,800	46,300	85,900	25,400	50,300	35,200	80,000	16,500	68,200	118,000	33,300	6,280
14	6,490	46,900	89,000	46,600	25,800	26,100	61,600	16,500	56,500	112,000	31,600	10,200
15	12,800	43,100	62,800	58,500	45,200	23,700	75,200	15,400	33,300	106,000	32,500	9,650
16	8,320	20,700	53,700	44,700	53,500	30,700	44,900	13,700	27,400	106,000	34,900	8,790
17	8,380	17,400	47,000	35,500	e44,700	42,400	38,600	17,000	22,800	108,000	28,400	15,000
18	7,920	26,900	47,400	25,300	36,800	38,900	23,700	17,800	18,000	106,000	28,600	4,320
19	8,350	28,700	47,300	25,800	40,500	37,300	24,300	15,000	18,400	90,600	32,500	5,860
20	22,600	24,000	43,400	29,300	23,700	32,900	22,400	13,900	10,400	e54,500	29,400	6,880
21	30,400	10,600	37,600	24,100	22,100	25,400	21,900	19,800	8,850	e45,000	31,600	6,550
22	24,900	24,800	38,900	20,000	30,400	22,100	33,600	13,500	9,420	e40,900	19,500	6,450
23	20,100	42,300	53,000	19,400	41,000	45,000	33,500	11,700	10,100	e40,500	14,500	8,650
24	28,200	62,900	75,200	17,100	46,600	63,500	31,500	10,700	10,800	e41,100	14,500	8,990
25	23,100	81,900	85,700	16,400	58,500	81,500	23,300	15,200	10,400	e33,000	16,100	7,250
26	26,500	103,000	59,000	15,500	60,500	81,500	22,900	21,700	11,500	e29,500	22,800	12,900
27	31,600	113,000	49,700	10,900	e59,300	75,900	29,400	11,300	8,930	e31,600	19,600	35,900
28	17,400	116,000	40,800	22,300	e71,400	102,000	44,100	12,300	9,000	e27,700	18,700	15,000
29	e13,300	116,000	31,900	24,200	---	114,000	37,400	9,170	7,390	27,500	22,900	10,300
30	12,600	113,000	21,300	25,500	---	121,000	36,500	9,330	8,910	28,500	28,200	9,980
31	12,300	---	26,000	19,900	---	121,000	---	13,200	---	29,600	24,200	---
TOTAL	458,420	1,507,700	1,956,500	773,800	1,385,400	1,708,900	2,359,600	702,100	893,500	1,744,380	739,000	323,230
MEAN	14,790	50,260	63,110	24,960	49,480	55,130	78,650	22,650	29,780	56,270	23,840	10,770
MAX	31,600	116,000	106,000	58,500	87,400	121,000	166,000	81,400	74,000	118,000	34,900	35,900
MIN	4,400	10,100	21,300	10,900	21,700	15,100	21,900	9,170	7,390	5,650	11,700	4,320
CFSM	0.69	2.34	2.94	1.16	2.30	2.57	3.66	1.05	1.39	2.62	1.11	0.50
IN.	0.79	2.61	3.39	1.34	2.40	2.96	4.09	1.22	1.55	3.02	1.28	0.56

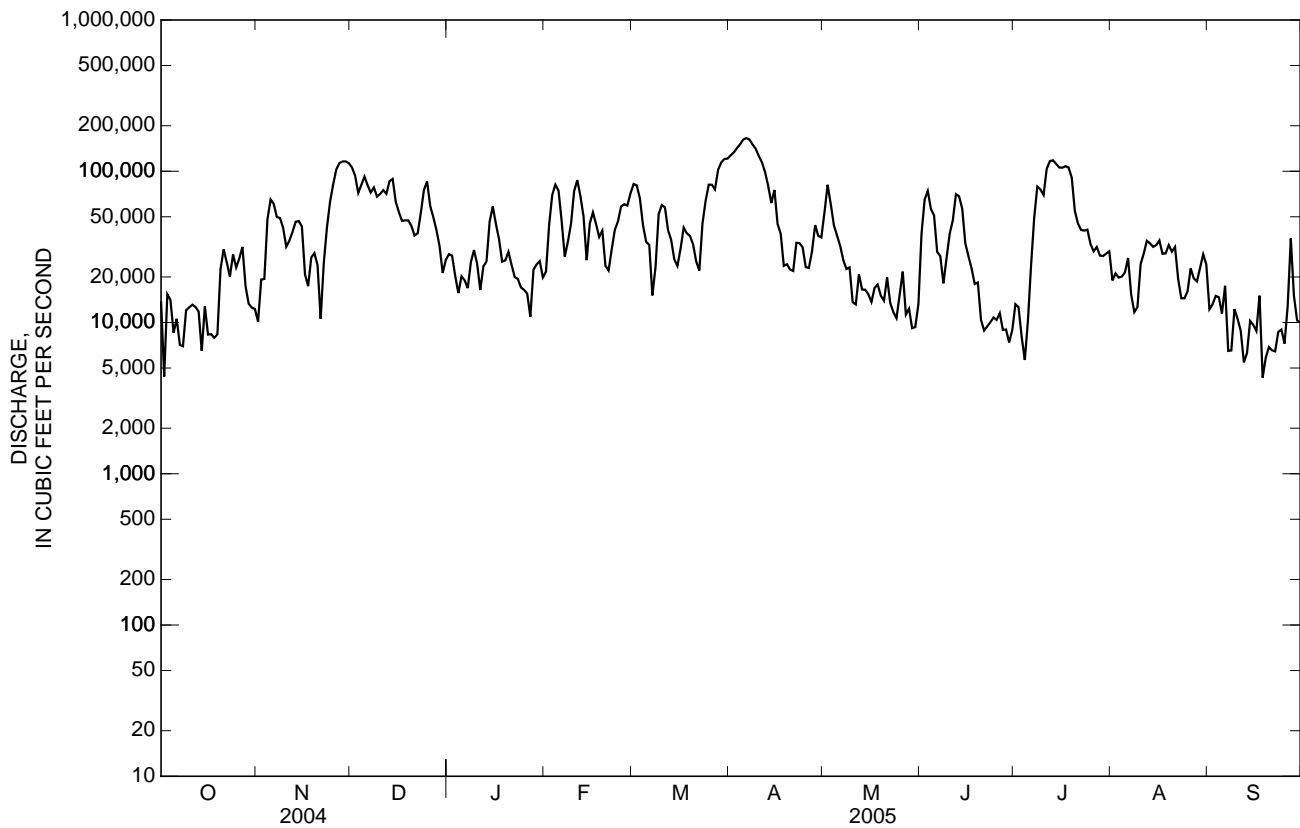
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1976 - 2005, BY WATER YEAR (WY)

	MEAN	15,640	23,790	35,830	46,620	56,770	66,540	51,220	29,870	20,630	19,390	13,400	12,160
MAX	57,680	65,300	93,480	90,120	126,000	145,000	147,600	100,300	62,470	63,480	44,030	33,600	
(WY)	(1976)	(1993)	(1984)	(1993)	(1990)	(1990)	(1979)	(2003)	(1989)	(2003)	(1984)	(2004)	
MIN	5,398	6,609	11,060	9,615	13,310	17,020	9,129	8,196	6,312	5,859	5,909	5,486	
(WY)	(1987)	(1988)	(2000)	(1981)	(2000)	(1988)	(1986)	(1986)	(2000)	(2000)	(1988)	(1986)	

02428400 ALABAMA RIVER AT CLAIBORNE LOCK AND DAM NEAR MONROEVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1976 - 2005	
ANNUAL TOTAL	9,688,030		14,552,530			
ANNUAL MEAN	26,470		39,870		32,540	
HIGHEST ANNUAL MEAN					48,670	
LOWEST ANNUAL MEAN					13,590	
HIGHEST DAILY MEAN	116,000	Nov 28	166,000	Apr 6	255,000	Mar 25, 1990
LOWEST DAILY MEAN	3,000	Mar 28	4,320	Sep 18	3,000	Mar 28, 2004
ANNUAL SEVEN-DAY MINIMUM	5,510	Aug 16	6,810	Sep 18	4,190	Sep 16, 1986
MAXIMUM PEAK FLOW			178,000	Apr 5	255,000	Mar 25, 1990
MAXIMUM PEAK STAGE			53.12	Apr 7	57.59	Mar 25, 1990
ANNUAL RUNOFF (CFSM)	1.23		1.86		1.52	
ANNUAL RUNOFF (INCHES)	16.78		25.21		20.59	
10 PERCENT EXCEEDS	72,400		85,800		85,000	
50 PERCENT EXCEEDS	15,400		28,400		17,800	
90 PERCENT EXCEEDS	6,030		10,100		7,160	

e Estimated



02428401 ALABAMA RIVER BELOW CLAIBORNE LOCK AND DAM NEAR MONROEVILLE, AL

LOCATION.--Lat 31°36'48", long 87°33'02", in NE ¼ SE ¼ sec. 34, T. 8 N., R. 5 E., Monroe County, Hydrologic Unit 03150204, at downstream end of Claiborne Lock and Dam, 3.4 mi upstream from Flat Creek, 3.7 mi downstream from Silver Creek, 15 mi northwest of Monroeville, and at mile 81.8.

DRAINAGE AREA.--21,473 mi².

PERIOD OF RECORD.--December 1969 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. December 1969 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-86-1: 1979-81.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929. Prior to October 1, 1996 gage datum was 8.00 ft below NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 56.6 ft, Mar. 25, 1990; minimum elevation, 4.98 ft, Aug. 2, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 52.54 ft, Apr. 7; minimum elevation, 7.21 ft, Sept. 19.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.88	12.16	43.02	20.57	17.61	32.21	46.20	26.81	20.56	12.45	18.38	15.54
2	10.74	15.19	41.62	20.48	23.80	31.61	47.95	30.84	28.84	13.07	17.54	14.32
3	13.53	16.92	39.03	18.33	30.51	30.45	49.36	29.79	30.66	11.12	17.65	14.54
4	14.78	24.69	35.59	15.80	32.07	27.25	50.69	26.64	29.55	8.57	17.24	15.04
5	---	30.54	33.84	16.83	31.88	24.19	51.68	24.71	28.20	10.41	18.20	13.54
6	---	31.06	32.82	16.69	28.57	22.70	52.29	22.76	23.50	15.59	19.68	15.18
7	12.76	28.66	31.54	16.01	23.50	18.05	52.47	20.64	21.18	24.46	17.34	11.78
8	12.16	27.72	32.14	17.70	22.69	17.40	51.83	19.41	18.17	31.14	13.74	9.67
9	11.82	25.95	34.11	20.81	25.05	25.57	50.53	18.31	19.31	33.22	13.90	12.01
10	12.57	23.02	35.88	19.45	32.49	28.88	48.83	16.10	22.99	35.13	17.51	12.38
11	12.73	22.76	36.99	17.11	34.97	29.36	46.76	13.68	25.46	40.59	20.29	11.07
12	13.40	23.88	36.91	18.40	32.10	26.03	44.29	16.41	31.96	43.65	22.12	8.76
13	12.74	25.84	35.05	19.32	29.63	23.75	41.05	16.12	34.93	44.85	22.68	8.53
14	9.98	26.06	32.74	24.45	23.45	20.95	37.60	15.45	30.64	45.05	21.94	10.75
15	12.00	26.02	31.17	28.93	24.73	19.26	33.74	14.93	25.46	44.63	21.91	10.96
16	10.82	20.27	29.82	27.12	28.03	20.34	29.53	13.93	22.55	44.20	22.80	10.60
17	10.12	17.12	27.77	24.19	28.07	23.97	26.60	15.05	20.18	44.15	21.19	14.01
18	9.70	18.91	27.37	21.01	25.12	24.38	22.31	15.67	18.41	43.71	20.77	9.07
19	9.82	20.24	27.21	19.92	24.40	23.30	20.85	15.00	18.05	41.97	21.87	8.07
20	15.32	19.52	26.52	20.82	21.41	22.54	19.85	14.20	14.91	---	21.15	8.71
21	20.23	14.76	24.71	19.98	18.08	20.39	19.12	16.30	13.45	---	21.49	8.76
22	20.02	16.86	24.64	17.38	20.99	18.69	21.86	14.66	12.63	---	18.61	8.72
23	18.12	23.24	27.51	17.29	23.56	23.89	22.44	13.42	12.33	---	15.24	9.75
24	19.22	29.87	30.87	16.05	25.49	29.14	22.23	12.37	12.22	---	14.81	10.83
25	19.80	36.49	32.19	15.67	28.36	30.95	19.93	13.63	11.98	---	14.77	10.67
26	20.20	39.79	30.68	14.91	29.90	31.45	18.64	16.88	12.27	---	17.15	13.12
27	21.99	41.54	28.59	12.67	---	34.51	20.38	14.27	10.88	---	17.29	21.86
28	18.54	42.55	25.92	16.57	30.57	39.41	24.40	13.22	10.81	---	16.70	18.45
29	---	43.35	23.32	18.04	---	41.79	24.06	11.43	9.54	20.63	17.45	13.94
30	---	43.59	19.81	19.25	---	43.39	23.35	11.14	10.09	20.75	20.49	12.74
31	13.49	---	19.89	17.75	---	44.69	---	12.26	---	21.17	20.00	---
MEAN	---	26.29	30.94	19.02	---	27.44	34.69	17.29	20.06	---	18.77	12.11
MAX	---	43.59	43.02	28.93	---	44.69	52.47	30.84	34.93	---	22.80	21.86
MIN	---	12.16	19.81	12.67	---	17.40	18.64	11.14	9.54	---	13.74	8.07

02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL

LOCATION.--Lat 34°06'22", long 87°59'22", in NE ¼ sec. 15, T. 11 S., R. 14 W., Marion County, Hydrologic Unit 03160103, near right bank on downstream side of bridge on Military Street, 0.5 mi downstream from Woods Creek, 2 mi south of Hamilton, and at mile 82.6.

DRAINAGE AREA.--277 mi².

PERIOD OF RECORD.--October 1950 to September 1970. October 1970 to September 1972 (flood hydrograph only). October 1982 to September 1984 (annual peak only). October 1984 to September 1990 (flood hydrograph only). October 1990 to current year.

REVISED RECORDS.--WDR AL-87-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 360.50 ft. above NGVD of 1929. (Levels by U.S. Army Corps of Engineers.) July 7, 1953, to July 10, 1954, nonrecording gage at site 300 ft upstream at same datum.

REMARKS.--Estimated daily discharge: Feb. 27. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 19	1500	7,770	13.96	Dec 9	1300	13,700	20.63
Nov 24	1015	*24,300	*26.95	Apr 7	0100	9,240	15.76
Nov 30	2215	8,080	14.35	Sep 26	0115	10,300	17.05
Dec 7	1215	14,800	21.60				

Minimum discharge, 78 ft³/s, Oct. 7, gage height, 1.35 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	92	202	4,340	228	296	983	714	619	1,380	139	136	499
2	94	195	2,180	220	540	783	841	410	1,140	133	139	303
3	95	479	1,560	211	618	680	620	337	475	122	124	228
4	89	978	1,160	207	489	593	517	295	297	124	113	181
5	84	578	1,010	203	425	528	452	268	230	299	106	156
6	81	399	5,260	215	386	464	1,960	250	201	444	106	140
7	79	327	12,600	377	382	572	5,260	239	184	239	109	129
8	81	274	3,870	1,810	629	792	2,240	223	181	163	107	122
9	97	232	9,700	804	568	616	1,580	211	278	139	106	117
10	113	210	4,220	562	486	724	1,180	206	214	130	128	111
11	122	244	2,410	470	419	620	954	197	461	2,370	129	105
12	275	336	1,830	450	394	544	2,280	187	2,500	1,250	121	101
13	170	282	1,360	1,920	486	499	1,720	178	1,440	628	108	99
14	128	236	953	2,410	1,340	771	1,180	182	709	878	145	97
15	113	209	759	1,420	1,010	597	908	274	502	787	124	99
16	105	198	643	1,020	782	544	732	215	333	415	113	106
17	100	191	562	792	616	507	607	182	258	327	112	105
18	103	188	495	655	508	454	530	170	221	258	119	105
19	2,700	199	439	589	451	420	470	161	192	214	101	96
20	1,600	198	377	540	755	398	419	160	174	273	95	90
21	651	208	357	496	2,220	377	383	157	174	482	90	88
22	407	416	367	448	1,460	561	481	148	159	245	101	89
23	321	2,540	584	380	1,160	748	489	144	145	192	165	86
24	504	18,700	389	348	1,630	520	362	140	138	164	166	83
25	398	3,990	338	347	1,110	457	326	132	136	147	139	1,190
26	305	1,940	312	342	872	415	338	127	185	136	112	3,990
27	265	2,040	282	311	e1,000	416	331	125	165	129	100	784
28	288	1,920	263	287	1,420	439	285	142	149	122	96	387
29	259	1,350	255	343	---	385	273	145	139	272	266	279
30	230	3,770	248	338	---	346	1,090	155	132	225	4,310	227
31	215	---	239	308	---	652	---	155	---	159	1,270	---
TOTAL	10,164	43,029	59,362	19,051	22,452	17,405	29,522	6,534	12,892	11,605	9,156	10,192
MEAN	328	1,434	1,915	615	802	561	984	211	430	374	295	340
MAX	2,700	18,700	12,600	2,410	2,220	983	5,260	619	2,500	2,370	4,310	3,990
MIN	79	188	239	203	296	346	273	125	132	122	90	83
CFSM	1.18	5.18	6.91	2.22	2.89	2.03	3.55	0.76	1.55	1.35	1.07	1.23
IN.	1.36	5.78	7.97	2.56	3.02	2.34	3.96	0.88	1.73	1.56	1.23	1.37

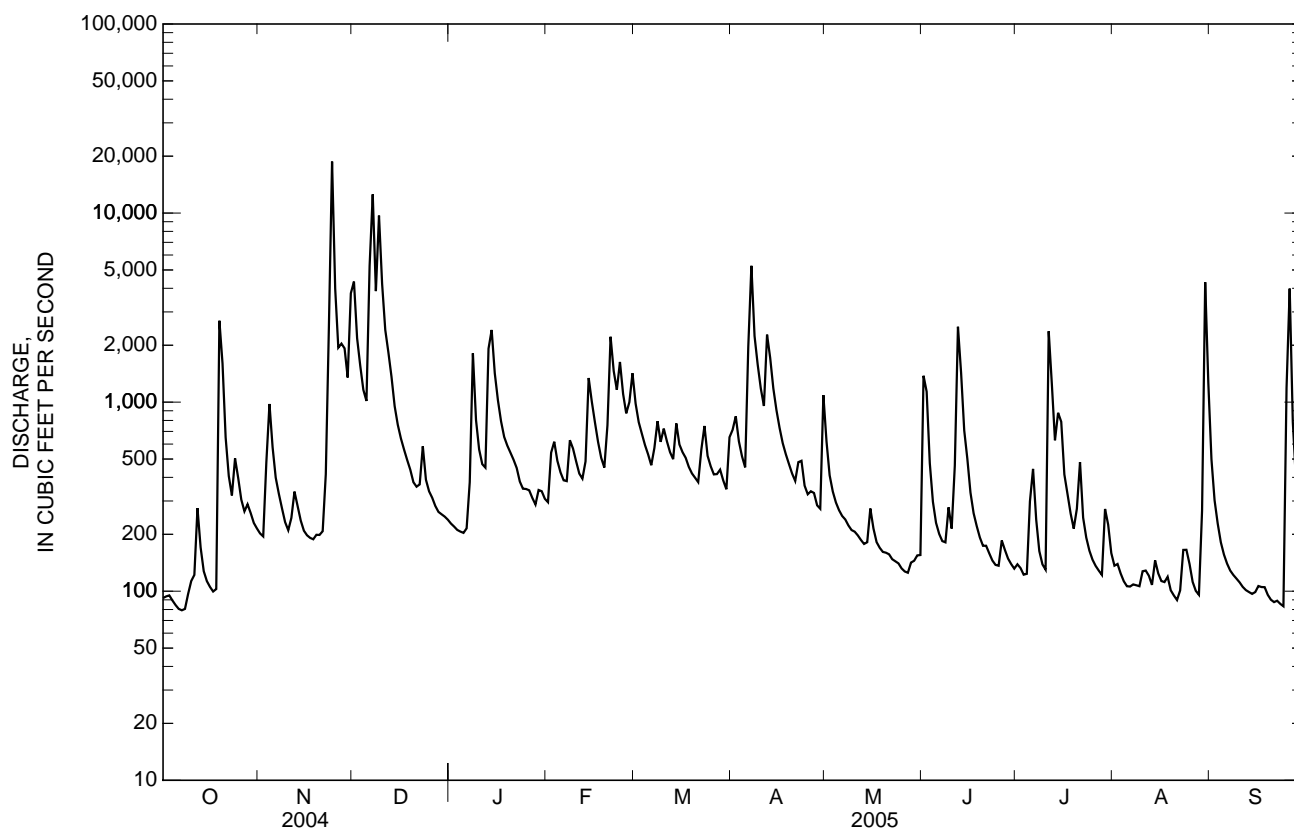
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1951 - 2005, BY WATER YEAR (WY)

	142	322	858	821	1,047	979	929	633	283	205	150	138
MAX	413	1,555	2,918	1,988	2,254	1,994	2,463	2,694	1,776	707	389	499
(WY)	(2003)	(1958)	(1962)	(1962)	(1991)	(1951)	(1991)	(1991)	(1997)	(1994)	(2003)	(1958)
MIN	30.5	68.6	88.6	111	223	303	306	126	77.2	46.8	32.6	28.8
(WY)	(2001)	(1954)	(1966)	(1956)	(2000)	(1966)	(2004)	(2000)	(1952)	(1952)	(2000)	(2000)

02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1951 - 2005	
ANNUAL TOTAL	271,310		251,364		536	
ANNUAL MEAN	741		689		1,093	
HIGHEST ANNUAL MEAN					233	
LOWEST ANNUAL MEAN					23,000	
HIGHEST DAILY MEAN	18,700	Nov 24	18,700	Nov 24	23,000	Dec 23, 1990
LOWEST DAILY MEAN	79	Oct 7	79	Oct 7	18	Sep 4, 2000
ANNUAL SEVEN-DAY MINIMUM	86	Oct 2	86	Oct 2	19	Aug 31, 2000
MAXIMUM PEAK FLOW			24,300	Nov 24	49,500	Mar 16, 1973
MAXIMUM PEAK STAGE			26.95	Nov 24	35.49	Mar 16, 1973
ANNUAL RUNOFF (CFSM)	2.68		2.49		1.94	
ANNUAL RUNOFF (INCHES)	36.44		33.76		26.31	
10 PERCENT EXCEEDS	1,610		1,430		1,120	
50 PERCENT EXCEEDS	289		321		234	
90 PERCENT EXCEEDS	108		108		68	

e Estimated



02442500 LUXAPALLILA CREEK AT MILLPORT, AL

LOCATION.--Lat 33°34'30", long 88°05'00", in SW 1/4 sec. 14, T. 17 S., R. 15 W., Lamar County, Hydrologic Unit 03160105, near left bank on downstream side of bridge on State Highway 17, 0.20 mi downstream from Driver Creek, 1.0 mi north of Millport, and at mile 31.6.

DRAINAGE AREA--247 mi².

PERIOD OF RECORD.--August 1954 to September 1959, December 1980 to September 1986. October 1986 to September 2001 (flood hydrograph only). October 2001 to current year.

REVISED RECORDS.--WDR AL-82-1: 1981. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 243.65 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,500 ft³/s, Dec. 24, 1990, gage height, 14.07 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 8	0445	5,560	12.57	Jul 11	1330	4,050	11.71
Dec 9	2200	*6,500	*12.88	Aug 30	1130	4,270	11.89
Apr 7	1300	6,230	12.81	Sep 26	0800	4,220	11.85
Jun 12	1530	4,630	12.12				

Minimum discharge, 101 ft³/s, Sept. 24, gage height, 3.88 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	141	1,890	265	287	542	689	540	2,340	177	152	320
2	116	138	665	259	859	446	722	341	1,870	172	149	219
3	124	325	472	253	664	404	482	282	513	149	144	181
4	122	361	392	251	479	372	403	252	348	142	141	160
5	116	229	347	249	405	349	362	235	284	161	139	148
6	110	188	1,310	269	363	325	1,740	221	253	226	139	141
7	108	172	4,850	276	367	383	5,780	212	230	207	138	134
8	109	162	3,610	626	1,160	603	2,140	203	216	165	150	132
9	122	152	4,900	410	685	431	844	197	587	153	142	127
10	159	147	4,630	341	539	445	626	206	329	148	208	123
11	163	164	1,160	323	444	397	523	194	685	2,910	150	119
12	187	246	712	334	403	355	905	183	3,870	1,170	140	116
13	157	211	586	1,230	384	341	692	175	1,480	839	145	115
14	140	177	501	1,350	537	460	500	180	574	574	211	113
15	134	162	451	590	477	374	422	267	408	496	148	111
16	128	156	422	478	409	490	370	220	313	327	132	135
17	124	156	399	410	366	454	334	186	257	269	127	157
18	124	152	378	370	334	392	312	176	229	232	132	126
19	128	155	358	352	318	358	294	168	207	210	125	116
20	137	157	334	339	335	347	277	166	192	194	120	110
21	137	222	328	327	612	336	267	168	180	180	118	108
22	133	466	325	312	469	388	278	160	171	174	126	106
23	139	965	391	289	417	506	283	156	163	167	145	105
24	336	2,560	343	277	939	389	247	153	157	158	153	103
25	208	994	318	279	555	353	233	146	152	151	130	429
26	168	454	307	279	455	323	264	143	165	146	123	2,890
27	158	583	291	264	e480	387	274	141	157	143	119	538
28	161	726	283	255	781	364	233	139	152	160	116	275
29	151	432	278	344	---	328	220	207	271	218	250	221
30	146	722	285	335	---	304	1,200	272	177	193	3,160	193
31	143	---	281	299	---	504	---	209	---	165	739	---
TOTAL	4,504	11,875	31,797	12,235	14,523	12,450	21,916	6,498	16,930	10,776	8,111	7,871
MEAN	145	396	1,026	395	519	402	731	210	564	348	262	262
MAX	336	2,560	4,900	1,350	1,160	603	5,780	540	3,870	2,910	3,160	2,890
MIN	108	138	278	249	287	304	220	139	152	142	116	103
CFSM	0.59	1.60	4.15	1.60	2.10	1.63	2.96	0.85	2.28	1.41	1.06	1.06
IN.	0.68	1.79	4.79	1.84	2.19	1.88	3.30	0.98	2.55	1.62	1.22	1.19

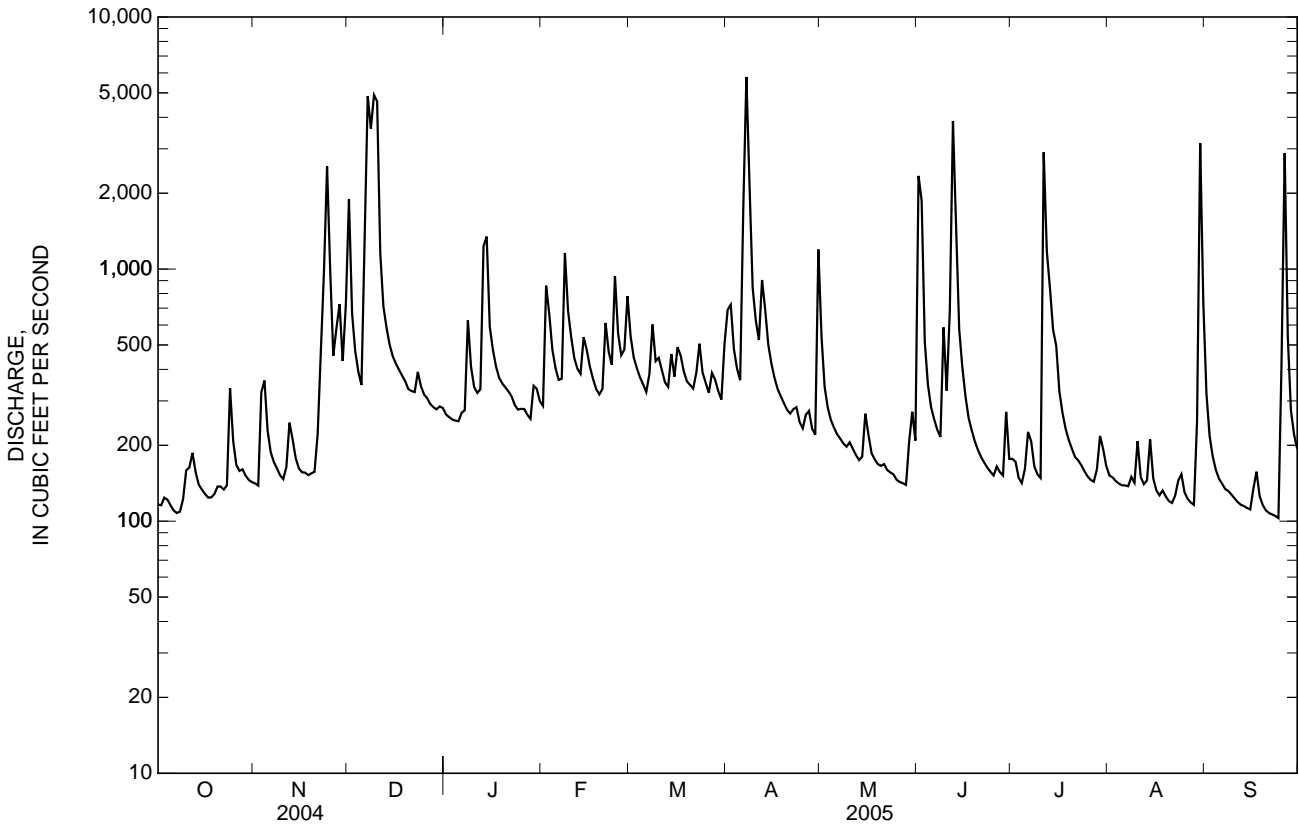
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

MEAN	172	349	566	466	786	592	604	465	273	206	142	130
MAX	412	1,030	1,737	1,022	1,554	1,324	1,323	1,408	567	408	371	268
(WY)	(2003)	(1958)	(1984)	(1982)	(2003)	(1983)	(1983)	(2003)	(2003)	(1958)	(2003)	(2002)
MIN	49.4	90.4	104	104	275	275	156	149	90.5	64.0	42.7	44.3
(WY)	(1955)	(1955)	(1956)	(1956)	(1981)	(1985)	(1986)	(1955)	(1955)	(1956)	(1954)	(1954)

02442500 LUXAPALLILA CREEK AT MILLPORT, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1954 - 2005	
ANNUAL TOTAL	184,071		159,486		406	
ANNUAL MEAN	503		437		671	
HIGHEST ANNUAL MEAN					205	
LOWEST ANNUAL MEAN					11,000	
HIGHEST DAILY MEAN	11,000	Feb 7	5,780	Apr 7	11,000	Feb 7, 2004
LOWEST DAILY MEAN	105	Aug 19	103	Sep 24	36	Sep 14, 1954
ANNUAL SEVEN-DAY MINIMUM	112	Aug 14	111	Sep 18	37	Sep 11, 1954
MAXIMUM PEAK FLOW			6,500	Dec 9	15,500	Dec 24, 1990
MAXIMUM PEAK STAGE			12.88	Dec 9	14.07	Dec 24, 1990
ANNUAL RUNOFF (CFSM)	2.04		1.77		1.64	
ANNUAL RUNOFF (INCHES)	27.72		24.02		22.35	
10 PERCENT EXCEEDS	960		700		784	
50 PERCENT EXCEEDS	278		267		224	
90 PERCENT EXCEEDS	124		131		81	

e Estimated



02444160 TOMBIGBEE RIVER AT BEVILL LOCK AND DAM NEAR PICKENSVILLE, AL

LOCATION.--Lat 33°12'38", long 88°17'19", in NW ¼ sec. 26, T. 21 S., R. 17 W., Pickens County, Hydrologic Unit 03160106, near left bank at dam, 2 mi southwest of Pickensville, 10 mi northwest of Aliceville, and at mile 287.7.

DRAINAGE AREA.--5,750 mi².

PERIOD OF RECORD.--October 1980 to current year.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to October 1, 1999, water-stage recorder at same site at datum 100.00 ft higher.

REMARKS.--Estimated daily discharges: Feb. 27, 28; July 25. Records good. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 102,000 ft³/s, Dec. 9; minimum discharge, 345 ft³/s, Jan. 3.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	698	4,010	53,200	5,400	5,850	19,500	8,430	8,640	9,780	1,290	2,280	26,900
2	1,330	4,370	38,400	5,920	14,700	16,300	14,700	5,820	8,730	1,750	2,670	21,600
3	1,530	7,570	31,600	4,330	19,900	12,200	12,000	6,820	8,230	1,690	2,020	20,900
4	1,060	10,300	34,500	4,330	13,600	9,020	7,770	5,390	8,120	1,720	1,490	15,300
5	856	7,800	22,900	5,330	11,100	9,130	7,180	3,280	6,800	4,690	2,080	4,950
6	1,770	6,970	27,600	4,490	7,630	7,330	15,800	2,190	3,960	9,360	2,020	3,400
7	840	5,740	65,500	4,350	6,920	5,710	64,000	3,190	5,500	4,580	1,670	2,650
8	1,150	4,570	82,500	27,600	18,200	12,600	63,900	3,220	3,730	4,150	2,100	2,260
9	2,750	3,140	91,100	28,000	17,000	10,100	52,200	2,950	5,890	2,610	2,050	2,680
10	1,680	3,110	83,800	18,900	13,300	13,000	43,200	3,620	3,770	4,790	1,850	1,100
11	1,530	3,350	84,200	21,900	9,590	9,750	28,300	1,890	9,950	19,900	1,290	1,430
12	8,610	5,400	67,500	17,800	7,360	8,760	35,100	2,080	65,100	27,900	2,560	1,280
13	7,360	2,580	51,500	17,200	6,250	7,100	39,400	1,790	73,300	27,000	1,060	1,530
14	3,370	4,020	28,000	38,600	14,000	8,930	26,900	3,820	36,300	16,900	1,310	1,650
15	2,690	2,600	15,900	24,300	14,100	8,250	21,100	9,300	24,500	20,700	748	1,460
16	2,420	3,090	12,000	22,700	11,300	7,770	14,900	3,780	16,400	13,200	1,180	1,950
17	2,520	3,230	10,700	20,100	9,040	7,730	8,470	4,270	8,740	10,400	1,590	2,050
18	1,550	2,550	7,480	13,000	6,730	5,810	6,840	2,560	4,580	9,180	1,100	1,880
19	4,820	3,590	7,960	7,820	5,850	5,590	5,520	2,640	4,540	7,400	991	2,190
20	18,500	2,680	5,980	7,770	6,540	6,420	6,050	2,230	3,250	9,590	1,370	1,400
21	12,200	4,530	6,100	6,930	20,600	5,660	5,280	2,500	3,410	6,690	1,310	1,550
22	14,400	10,100	5,860	7,180	17,400	6,660	4,080	1,990	1,690	5,180	1,140	1,750
23	9,980	22,200	18,900	4,450	16,400	11,900	4,460	1,920	3,030	4,010	1,260	936
24	24,800	53,000	20,800	5,150	28,400	9,840	4,640	1,760	1,800	3,140	796	1,470
25	14,800	73,000	14,700	5,290	23,000	6,870	2,880	1,740	1,840	63,170	1,720	4,460
26	11,900	61,500	17,200	4,900	18,400	5,880	5,070	1,370	1,970	1,630	664	36,400
27	7,730	64,700	11,700	4,650	13,500	6,890	4,440	1,250	2,660	1,740	1,340	26,200
28	5,350	59,500	9,230	3,620	22,400	6,080	2,180	1,130	1,450	2,880	1,250	17,800
29	6,680	35,200	6,260	5,840	---	4,740	3,550	2,810	2,470	4,300	5,180	21,100
30	6,100	29,400	7,120	4,070	---	5,900	7,960	3,600	2,100	2,060	47,300	13,000
31	6,400	---	5,040	3,870	---	6,650	---	3,550	---	3,440	58,300	---
TOTAL	187,374	503,800	945,230	355,790	379,060	268,070	526,300	103,100	333,590	237,040	153,689	243,226
MEAN	6,044	16,790	30,490	11,480	13,540	8,647	17,540	3,326	11,120	7,646	4,958	8,108
MAX	24,800	73,000	91,100	38,600	28,400	19,500	64,000	9,300	73,300	27,900	58,300	36,400
MIN	698	2,550	5,040	3,620	5,850	4,740	2,180	1,130	1,450	1,290	664	936
CFSM	1.05	2.92	5.30	2.00	2.35	1.50	3.05	0.58	1.93	1.33	0.86	1.41
IN.	1.21	3.26	6.12	2.30	2.45	1.73	3.40	0.67	2.16	1.53	0.99	1.57

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	3,017	6,038	14,510	14,870	18,140	15,720	14,670	11,470	7,038	3,938	2,433	2,265
MAX	8,760	16,790	42,160	29,990	40,590	27,680	44,220	70,040	29,030	15,340	8,214	8,108
(WY)	(2003)	(2005)	(1984)	(1989)	(1991)	(1995)	(1983)	(1991)	(1997)	(1994)	(2003)	(2005)
MIN	691	780	1,956	2,060	3,493	5,447	2,128	1,489	789	883	564	485
(WY)	(2001)	(1982)	(2000)	(1981)	(2000)	(1985)	(1986)	(1992)	(1988)	(2000)	(2000)	(1984)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

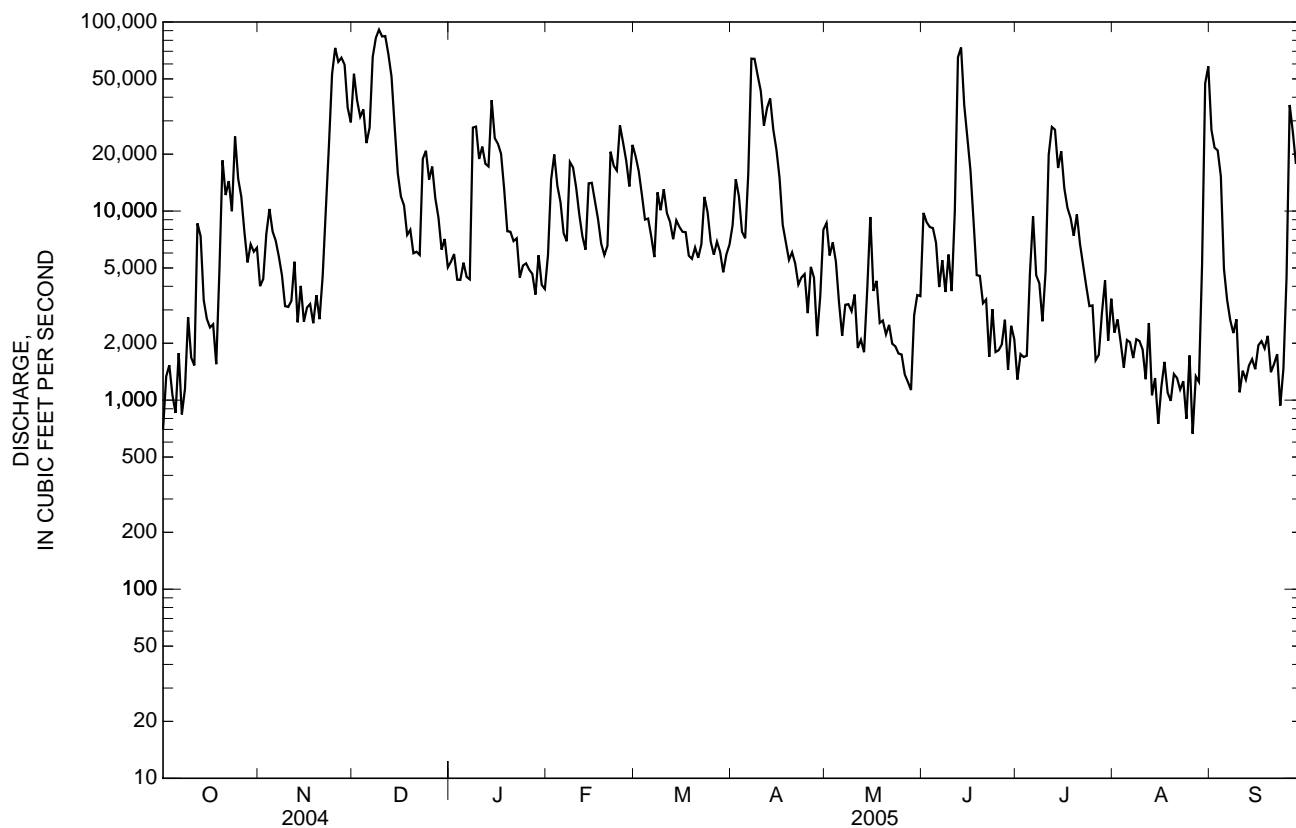
FOR 2005 WATER YEAR

WATER YEARS 1981 - 2005

ANNUAL TOTAL	4,485,532	4,236,269	9,465
ANNUAL MEAN	12,260	11,610	19,390
HIGHEST ANNUAL MEAN			19,390
LOWEST ANNUAL MEAN			3,369
HIGHEST DAILY MEAN	91,100	91,100	178,000
LOWEST DAILY MEAN	698	664	196
ANNUAL SEVEN-DAY MINIMUM	1,090	1,140	319
MAXIMUM PEAK FLOW		102,000	178,000
MAXIMUM PEAK STAGE		141.21	144.33
ANNUAL RUNOFF (CFSM)	2.13	2.02	1.65
ANNUAL RUNOFF (INCHES)	29.02	27.41	22.37
10 PERCENT EXCEEDS	32,000	27,700	24,000
50 PERCENT EXCEEDS	5,880	5,860	4,060
90 PERCENT EXCEEDS	1,630	1,530	808

e Estimated

02444160 TOMBIGBEE RIVER AT BEVILL LOCK AND DAM NEAR PICKENSVILLE, AL—Continued



02444500 TOMBIGBEE RIVER NEAR COCHRANE, AL

LOCATION.--Lat 33°04'52", long 88°14'16", in NW $\frac{1}{4}$ sec. 7, T. 24 N., R. 2 W., Pickens County, Hydrologic Unit 03160106, near left bank on downstream side of bridge on State Highway 17, 1.2 mi northeast of Cochrane, 2.2 mi downstream from Bogue Chitto Creek, 7 mi southwest of Aliceville, and at mile 271.4.

DRAINAGE AREA.--5,940 mi².

PERIOD OF RECORD.--October 1938 to March 1978. April 1978 to September 1978 (high-water discharge only). October 1981 to current year (gage heights only). Monthly discharge only for period October to December 1938, published in WSP 1304. Gage-height records collected at same site from November 1909 to September 1924 are contained in reports of the National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929. Prior to July 10, 1939, nonrecording gage at site 200 ft downstream at same datum. Jan. 30, 1940 to September 1978, auxiliary water-stage recorder or nonrecording gage 14 mi downstream from base gage at datum 7.76 ft lower. Prior to October 1, 1999, water-stage recorder at same site at datum 89.85 ft higher.

REMARKS.--Records good. Records since Jan. 16, 1985 include diversions from Tennessee River basin through Bay Springs lock on Tennessee Tombigbee Waterway.

AVERAGE DISCHARGE.--39 years (water years 1939-77), 8,655 ft³/s, 19.62 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 166,000 ft³/s, Mar. 21, 1973; maximum gage height, 137.22 ft, Mar. 21, 1973; minimum discharge, 165 ft³/s, September 21, 1954; gage height, 92.19 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in April 1892 reached a stage of 140.05 ft, present datum (discharge not determined), from reports of National Weather Service.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 128.11 ft, Dec. 11; minimum elevation, 108.76 ft, Sept. 19.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	109.44	109.72	116.38	109.55	109.62	111.79	110.12	109.89	110.32	109.27	109.16	114.25
2	109.55	109.69	116.21	109.58	110.54	110.92	111.12	109.65	109.99	109.36	109.29	111.59
3	109.44	110.10	113.89	109.59	111.67	110.50	110.60	109.74	109.92	109.48	109.42	111.56
4	109.46	110.19	114.08	109.56	110.60	110.00	110.15	109.54	109.90	109.44	109.27	110.69
5	109.35	109.94	112.81	109.60	110.31	109.95	109.86	109.49	109.81	109.41	109.29	109.49
6	109.59	109.89	112.09	109.39	109.84	109.87	---	109.44	109.38	109.78	109.31	109.39
7	109.59	109.78	117.46	109.51	109.68	109.79	---	109.49	109.52	109.55	109.30	109.33
8	109.63	109.66	122.01	111.85	110.89	110.58	---	109.58	109.50	109.40	109.38	109.32
9	109.53	109.66	124.50	113.44	111.20	110.31	---	109.42	109.75	109.36	109.31	109.34
10	109.40	109.57	126.65	111.25	110.56	110.45	---	109.58	109.45	109.44	109.23	109.10
11	109.65	109.59	127.79	111.58	110.08	110.15	---	109.42	109.93	111.83	109.36	109.24
12	109.90	109.74	127.75	111.22	109.89	109.92	113.58	109.30	117.55	113.35	109.36	109.15
13	109.86	109.56	124.79	110.93	109.57	109.88	115.59	109.35	122.19	113.57	109.24	109.28
14	109.58	109.75	118.16	114.30	110.42	110.08	113.44	109.44	118.88	111.62	109.45	109.27
15	109.64	109.55	111.97	113.01	110.73	109.90	112.16	109.86	113.59	111.67	109.37	---
16	109.56	109.65	110.58	111.85	110.23	109.84	110.92	109.45	111.38	110.49	109.41	---
17	109.55	109.61	110.27	111.43	109.87	109.81	110.02	109.35	110.05	110.18	109.20	109.22
18	109.55	109.59	109.82	110.56	109.68	109.66	109.79	109.26	109.52	109.84	109.38	109.15
19	109.74	109.66	109.72	109.89	109.69	109.69	109.62	109.43	109.68	109.66	109.33	109.10
20	110.89	109.44	109.70	109.76	109.74	109.71	109.66	109.45	109.49	110.00	109.44	109.09
21	110.29	109.78	109.72	109.59	111.06	109.74	109.64	109.32	109.47	109.65	109.36	109.32
22	110.62	110.32	109.63	109.68	111.25	109.79	109.46	109.50	109.42	109.65	109.42	109.42
23	110.08	112.26	110.78	109.44	110.76	110.51	109.40	109.46	109.51	109.50	109.34	109.33
24	111.60	115.24	112.04	109.62	112.40	110.10	109.46	109.32	109.45	109.45	109.32	109.37
25	110.88	120.59	110.58	109.67	112.34	109.86	109.49	109.25	109.39	109.40	109.38	109.63
26	110.26	120.31	110.85	109.53	111.30	109.68	109.64	109.27	109.30	109.18	109.22	112.97
27	110.02	119.93	110.30	109.49	---	109.77	109.56	109.43	109.40	109.34	109.37	113.62
28	109.77	120.04	109.77	109.43	111.90	109.74	109.32	109.40	109.40	109.48	109.34	111.17
29	109.83	116.65	109.77	109.53	---	109.62	109.60	109.51	109.48	109.50	109.52	111.63
30	109.78	113.27	109.78	109.43	---	109.69	109.96	109.38	109.32	109.29	114.26	110.66
31	109.79	---	109.54	109.57	---	109.96	---	109.60	---	109.39	117.83	---
MEAN	109.87	111.76	114.50	110.41	---	110.04	---	109.47	110.80	110.02	109.77	---
MAX	111.60	120.59	127.79	114.30	---	111.79	---	109.89	122.19	113.57	117.83	---
MIN	109.35	109.44	109.54	109.39	---	109.62	---	109.25	109.30	109.18	109.16	---

02446500 SIPSEY RIVER NEAR ELROD, AL

LOCATION.--Lat 33°15'25", long 87°46'35", in NE ¼ sec. 3, T. 21 S., R. 12 W., Tuscaloosa County, Hydrologic Unit 03160107, on left bank at downstream side of bridge on State Highway 140, 0.2 mi upstream from Gulf, Mobile & Ohio Railroad bridge, 1.0 mi east of Elrod, 2.0 mi downstream from Box Creek, and at mile 50.7.

DRAINAGE AREA.--528 mi².

PERIOD OF RECORD.--August 1928 to March 1932, October 1939 to September 1971, October 1978 to current year.

REVISED RECORDS.--WSP 1434: 1929. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 197.81 ft above NGVD of 1929. Prior to Mar. 31, 1932, nonrecording gage at railroad bridge 0.2 mi downstream from present site at datum 1.93 ft higher. Nov. 1 to Dec. 11, 1939, nonrecording gage at present site and datum.

REMARKS.--Estimated daily discharges: May 2-6. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 11	0900	*13,800	*16.30	Apr 11	1100	5,350	14.59

Minimum discharge, 121 ft³/s, Sept. 24, 25, gage height, 5.83 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	162	222	3,020	611	635	1,320	1,630	591	638	225	400	682
2	155	208	2,790	580	761	1,280	1,830	e680	897	215	427	757
3	150	290	2,420	552	979	1,210	1,620	e750	918	209	386	837
4	145	666	2,090	531	1,020	1,170	1,410	e840	1,000	212	300	949
5	141	774	1,940	515	1,050	1,170	1,330	e930	1,130	208	249	1,010
6	137	835	2,270	510	1,100	1,130	1,330	e950	2,090	211	231	919
7	136	898	2,990	528	1,150	1,070	2,280	900	3,270	304	228	594
8	137	921	3,240	705	1,250	1,130	2,420	614	2,440	346	217	363
9	138	731	2,980	833	1,310	1,080	2,940	470	1,770	338	208	273
10	141	447	5,170	887	1,180	1,010	4,120	430	1,210	342	199	233
11	159	357	12,400	943	1,130	1,000	5,110	388	1,160	982	214	204
12	189	432	8,010	1,010	1,190	1,000	4,100	351	1,870	1,460	232	183
13	212	529	6,720	1,090	1,300	991	3,040	323	2,280	1,600	234	169
14	218	550	5,730	1,250	1,380	1,030	2,330	298	1,920	1,670	232	157
15	211	532	3,840	1,170	1,280	970	1,820	291	1,980	2,230	225	147
16	195	505	2,920	1,120	1,130	914	1,450	295	2,270	2,200	202	148
17	176	431	2,340	1,140	1,060	912	1,290	335	2,570	2,060	181	154
18	161	366	1,880	1,280	1,030	895	1,180	337	2,550	1,710	167	149
19	154	326	1,480	1,640	1,010	876	1,080	315	2,000	1,380	159	167
20	150	317	1,240	1,690	974	868	958	280	1,410	1,200	169	173
21	155	413	1,110	1,360	963	843	808	265	1,070	1,000	165	155
22	171	867	1,030	1,140	884	829	701	251	712	666	163	139
23	171	1,810	990	988	854	1,100	624	249	480	454	157	130
24	363	2,180	931	824	1,030	1,150	560	241	384	367	154	123
25	505	2,100	877	715	1,090	1,010	522	220	330	318	163	166
26	438	2,130	851	638	1,110	927	554	205	295	287	178	1,100
27	353	2,240	834	584	1,120	995	634	193	274	263	161	1,270
28	326	2,770	798	551	1,230	1,000	595	182	262	245	148	1,490
29	290	2,910	742	596	---	918	558	196	251	252	163	1,690
30	252	3,010	689	620	---	845	540	281	236	298	460	1,840
31	239	---	646	620	---	1,090	---	340	---	358	625	---
TOTAL	6,530	30,767	84,968	27,221	30,200	31,733	49,364	12,991	39,667	23,610	7,397	16,371
MEAN	211	1,026	2,741	878	1,079	1,024	1,645	419	1,322	762	239	546
MAX	505	3,010	12,400	1,690	1,380	1,320	5,110	950	3,270	2,230	625	1,840
MIN	136	208	646	510	635	829	522	182	236	208	148	123
CFSM	0.40	1.94	5.19	1.66	2.04	1.94	3.12	0.79	2.50	1.44	0.45	1.03
IN.	0.46	2.17	5.99	1.92	2.13	2.24	3.48	0.92	2.79	1.66	0.52	1.15

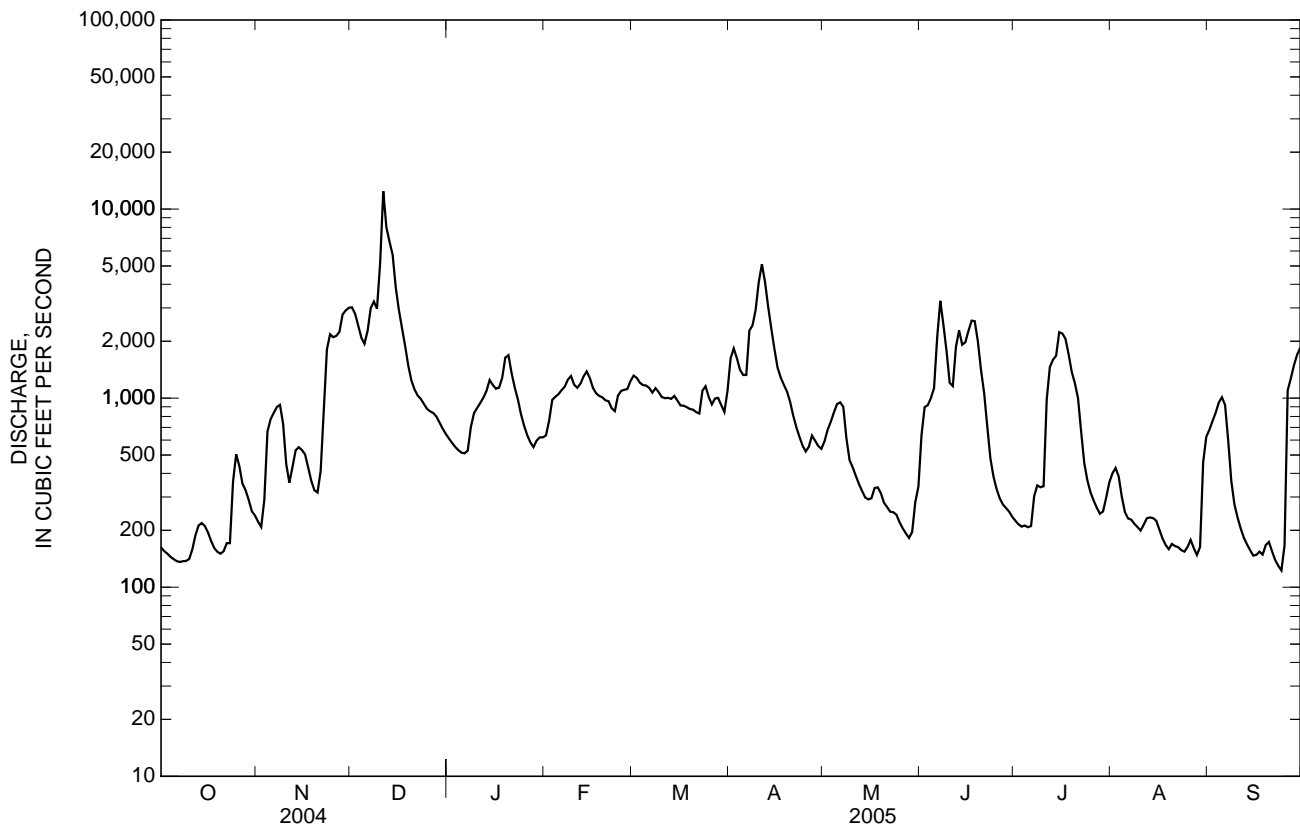
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	181	467	983	1,397	1,765	1,718	1,465	831	400	330	213	198
MAX	796	3,163	3,955	4,048	4,813	4,390	4,163	4,902	2,177	2,026	1,030	1,307
(WY)	(2003)	(1930)	(1984)	(1949)	(1990)	(1980)	(1979)	(1991)	(1997)	(1940)	(1941)	(1950)
MIN	25.2	69.3	126	133	523	416	239	130	65.6	49.6	28.4	26.6
(WY)	(1955)	(1954)	(1944)	(1956)	(2000)	(1988)	(1986)	(1941)	(1941)	(1954)	(1954)	(1954)

02446500 SIPSEY RIVER NEAR ELROD, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	394,385		360,819		822	
ANNUAL MEAN	1,078		989		1,621	
HIGHEST ANNUAL MEAN					282	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	14,000	Feb 9	12,400	Dec 11	23,500	Feb 23, 1961
LOWEST DAILY MEAN	125	Sep 15	123	Sep 24	13	Sep 19, 1954
ANNUAL SEVEN-DAY MINIMUM	139	Oct 4	139	Oct 4	15	Sep 14, 1954
MAXIMUM PEAK FLOW			13,800	Dec 11	27,800	Feb 23, 1961
MAXIMUM PEAK STAGE			16.30	Dec 11	18.83	Feb 23, 1961
ANNUAL RUNOFF (CFSM)	2.04		1.87		1.56	
ANNUAL RUNOFF (INCHES)	27.79		25.42		21.14	
10 PERCENT EXCEEDS	2,710		2,150		1,970	
50 PERCENT EXCEEDS	608		742		386	
90 PERCENT EXCEEDS	178		168		78	

e Estimated



02447025 TOMBIGBEE RIVER AT HEFLIN LOCK AND DAM NEAR GAINESVILLE, AL

LOCATION.--Lat 32°50'53", long 88°09'22", in NE ¼ sec. 35, T. 22 N., R. 2 W., Greene County, Hydrologic Unit 03160106, near left bank at dam, 1.0 mi downstream from Turkey Paw Branch, 1.8 mi north of Gainesville, 2.4 mi upstream from Noxubee River, and at mile 238.6.

DRAINAGE AREA.--7,230 mi².

PERIOD OF RECORD.--March 1978 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-91-1: 1979, 1983, 1984.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to October 1, 1999, water-stage recorder at same site at datum 65.00 ft higher.

REMARKS.--Estimated daily discharges: Oct. 25-27; Feb. 27, 28; Apr. 27, 28; Aug. 25 - Sep. 1. Record fair. Records since Jan. 16, 1985 include diversions from Tennessee River basin through Bay Springs lock on Tennessee Tombigbee Waterway.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 114,000 ft³/s, Dec. 11, 12; minimum discharge, 109 ft³/s, Sept. 20.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	548	3,870	43,200	6,520	6,170	21,500	13,300	8,730	15,700	1,230	2,550	e48,000
2	1,610	4,720	46,700	6,150	14,000	15,400	18,300	6,490	11,900	1,980	3,290	25,000
3	673	9,830	33,900	5,100	20,600	14,500	14,300	8,970	11,900	1,360	1,990	23,700
4	1,820	12,600	32,300	5,630	14,900	11,100	13,300	6,090	9,360	2,020	2,200	17,600
5	480	9,870	29,100	5,790	12,900	10,400	10,600	4,370	8,750	3,370	1,750	7,300
6	1,310	8,280	21,500	4,710	10,100	9,220	12,600	2,400	5,400	10,200	1,980	3,300
7	685	6,950	47,400	5,090	9,910	7,670	49,500	4,340	6,440	4,830	2,230	4,070
8	1,310	6,070	78,000	18,800	16,700	14,900	68,300	4,490	5,130	3,980	1,980	2,450
9	2,780	3,440	97,600	30,100	18,900	13,200	62,600	3,340	8,660	3,330	2,400	2,640
10	722	4,250	102,000	19,000	14,600	14,400	49,600	4,470	7,130	5,820	1,960	1,720
11	2,020	3,990	109,000	19,100	12,100	12,700	38,000	1,680	9,960	23,200	725	1,400
12	7,010	6,120	109,000	17,000	10,800	9,590	30,400	3,360	49,400	32,000	3,120	1,000
13	7,810	3,180	103,000	15,700	7,560	9,290	41,900	1,060	69,900	33,100	1,040	1,470
14	3,650	5,020	73,300	33,200	13,500	11,400	32,200	4,040	65,200	22,100	1,040	1,660
15	3,800	2,770	29,000	29,700	15,600	10,200	25,100	9,360	33,100	20,900	1,060	1,260
16	2,720	3,220	17,900	22,300	12,600	10,500	17,600	4,220	20,200	15,000	1,310	1,280
17	1,160	4,450	16,200	19,200	12,200	9,350	11,800	4,670	13,300	13,900	1,660	1,800
18	2,350	2,390	12,800	14,700	8,550	8,170	9,600	1,610	6,430	11,200	1,030	1,550
19	3,230	3,890	10,900	10,700	7,890	7,400	8,170	2,640	6,340	9,220	785	2,850
20	16,800	2,500	8,840	8,520	8,340	7,590	7,610	2,840	6,080	10,700	895	503
21	15,300	8,290	9,230	7,130	16,800	7,050	7,220	2,020	5,350	7,510	1,660	1,370
22	15,400	12,500	8,490	8,910	19,100	8,230	5,280	1,830	2,480	7,670	662	684
23	9,910	31,900	13,400	6,690	15,300	14,000	5,040	2,280	4,440	5,090	1,970	2,910
24	20,900	46,800	20,900	6,780	23,300	11,800	5,070	1,650	2,400	3,910	503	2,270
25	e13,500	80,700	17,000	6,070	25,200	10,200	3,210	2,740	2,190	3,690	e2,210	3,850
26	e10,900	83,200	17,900	5,970	18,700	8,510	5,200	528	2,530	2,140	e1,970	29,400
27	e7,210	78,900	16,000	5,490	e16,000	8,680	e5,790	1,340	3,010	1,040	e2,450	38,500
28	5,500	82,200	10,200	4,950	e23,000	9,240	e2,650	1,220	1,480	2,970	e2,930	20,900
29	5,750	53,900	8,620	6,040	---	6,530	4,760	3,690	1,940	6,300	e7,510	22,500
30	7,080	30,900	9,290	5,890	---	8,890	9,740	3,730	2,340	1,620	e51,100	18,500
31	6,340	---	7,020	6,220	---	11,900	---	7,120	---	4,760	e71,600	---
TOTAL	180,278	616,700	1,159,690	367,150	405,320	333,510	588,740	117,318	398,440	276,140	179,560	291,437
MEAN	5,815	20,560	37,410	11,840	14,480	10,760	19,620	3,784	13,280	8,908	5,792	9,715
MAX	20,900	83,200	109,000	33,200	25,200	21,500	68,300	9,360	69,900	33,100	71,600	48,000
MIN	480	2,390	7,020	4,710	6,170	6,530	2,650	528	1,480	1,040	503	503
CFSM	0.80	2.84	5.17	1.64	2.00	1.49	2.71	0.52	1.84	1.23	0.80	1.34
IN.	0.93	3.17	5.97	1.89	2.09	1.72	3.03	0.60	2.05	1.42	0.92	1.50

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1978 - 2005, BY WATER YEAR (WY)

MEAN	3,311	7,205	16,740	19,820	23,050	22,430	20,610	14,520	8,294	4,697	2,631	2,906
MAX	10,340	20,560	52,060	38,290	55,070	60,760	60,770	85,110	34,660	17,460	9,756	16,710
(WY)	(2003)	(2005)	(1984)	(1989)	(1990)	(1980)	(1983)	(1991)	(1997)	(1989)	(2003)	(1979)
MIN	495	846	2,076	2,481	4,178	6,236	2,537	1,665	757	686	485	371
(WY)	(1979)	(1982)	(2000)	(1981)	(2000)	(1988)	(1986)	(1992)	(1988)	(2000)	(2000)	(2000)

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 1978 - 2005

ANNUAL TOTAL	5,491,616		4,914,283			
ANNUAL MEAN	15,000		13,460		12,150	
HIGHEST ANNUAL MEAN					24,850	1991
LOWEST ANNUAL MEAN					3,814	1988
HIGHEST DAILY MEAN	109,000	Dec 11	109,000	Dec 11	190,000	Feb 25, 1991
LOWEST DAILY MEAN	477	Aug 18	480	Oct 5	93	Oct 6, 1984
ANNUAL SEVEN-DAY MINIMUM	1,020	Oct 1	1,020	Oct 1	200	Sep 30, 1978
MAXIMUM PEAK FLOW			114,000	Dec 12	190,000	Feb 25, 1991
MAXIMUM PEAK STAGE			113.56	Dec 12	120.74	Apr 15, 1979
ANNUAL RUNOFF (CFSM)	2.08		1.86		1.68	
ANNUAL RUNOFF (INCHES)	28.26		25.29		22.84	
10 PERCENT EXCEEDS	40,700		31,900		30,800	
50 PERCENT EXCEEDS	7,260		7,510		5,120	
90 PERCENT EXCEEDS	1,810		1,610		769	

The graph displays the monthly discharge of the Colorado River. The y-axis is a logarithmic scale for discharge in cubic feet per second (CFS), ranging from 10 to 1,000,000. The x-axis represents time from October 2004 to September 2005. The discharge shows a clear seasonal pattern with peaks occurring in late 2004 and mid-2005, and a significant low point in early 2005.

Month	Discharge (CFS)
Oct 2004	1,000
Nov 2004	10,000
Dec 2004	100,000
Jan 2005	20,000
Feb 2005	10,000
Mar 2005	10,000
Apr 2005	50,000
May 2005	1,000
Jun 2005	50,000
Jul 2005	10,000
Aug 2005	1,000
Sep 2005	20,000

02448500 NOXUBEE RIVER NEAR GEIGER, AL

LOCATION.--Lat 32°55'57", long 88°17'52", in NE ¼ sec. 33, T. 23 N., R. 3 W., Sumter County, Hydrologic Unit 03160108, near right bank on downstream side of bridge on State Highway 17, 0.1 mi upstream from Woodward Creek, 2.1 mi upstream from St. Louis-San Francisco Railroad bridge, 5 mi north of Geiger, and at mile 16.9.

DRAINAGE AREA.--1,097 mi².

PERIOD OF RECORD.--March 1939 to September 1940, August 1944 to September 1965, October 1965 to September 1966 (gage heights only), October 1966 to current year. Monthly discharge only for period October to December 1966.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 86.08 ft above NGVD of 1929. Prior to Sept. 30, 1940, nonrecording gage at site of old highway bridge 1 mi downstream at datum 1.44 ft lower. July 26, 1944 to June 5, 1949, nonrecording gage at site on old river channel 1 mi south at same datum. June 6, 1949 to Sept. 30, 1984, at site on old river channel 1 mi south at same datum.

REMARKS.--Estimated daily discharge: Oct. 14, 15, 18-20, Oct. 29 - Nov. 1, Feb. 27, Apr. 23-28, July 23, 24, Aug. 6-11. Records good except those estimated, which are poor. Discharge includes flow of old river channel at bridge on State Highway 17, 1 mi south of gage. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 11,300 ft³/s, Dec. 10, gage height, 33.89 ft; minimum discharge, 87 ft³/s, Oct. 1, gage height, 8.99 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	e335	5,940	356	908	4,360	4,870	1,940	7,360	278	1,230	7,540
2	92	224	5,760	341	3,560	3,550	4,550	1,000	8,460	277	886	7,160
3	94	2,640	4,600	327	6,290	2,630	3,090	630	7,360	277	714	7,030
4	95	7,320	3,140	316	5,830	2,150	1,700	539	4,250	277	696	6,580
5	98	4,180	2,390	302	5,120	1,670	1,250	489	1,390	276	528	5,460
6	99	1,080	2,910	306	4,060	1,110	1,570	420	881	366	e529	4,650
7	99	547	4,900	358	3,440	1,100	7,450	370	659	457	e557	3,780
8	101	412	7,020	1,970	5,210	5,350	9,410	341	533	284	e508	1,880
9	101	337	8,190	2,070	6,570	5,550	8,790	309	482	278	e418	870
10	101	272	10,800	1,340	5,950	3,630	7,590	291	442	305	e364	582
11	106	248	11,000	978	4,530	1,970	5,540	281	865	5,700	e366	438
12	155	352	10,700	857	3,450	1,520	6,010	291	7,760	6,990	273	354
13	241	277	10,900	1,980	3,250	1,120	6,870	275	10,100	5,270	257	302
14	e800	253	11,000	6,070	4,230	1,020	5,880	251	9,940	6,060	267	267
15	e470	231	10,100	5,490	3,930	1,170	4,830	248	9,280	6,620	298	243
16	268	214	8,390	3,760	2,680	1,140	4,500	283	8,470	6,990	267	225
17	209	196	5,680	2,310	2,030	1,530	4,930	351	7,640	7,350	244	226
18	e201	188	1,570	2,080	1,740	1,400	5,250	328	3,970	7,240	221	234
19	e186	184	808	2,070	1,330	1,050	4,900	603	814	5,160	199	217
20	e407	184	659	1,530	1,130	895	2,660	502	534	2,180	190	203
21	339	2,830	562	987	3,520	911	1,060	391	424	1,150	175	195
22	894	7,020	516	777	3,470	1,190	740	326	357	797	161	186
23	538	7,730	520	670	2,610	4,710	e628	288	311	e761	161	178
24	741	7,960	507	592	4,840	3,700	e525	259	290	e641	198	174
25	901	7,910	465	536	3,710	2,100	e467	233	287	526	189	184
26	646	7,380	437	493	3,110	1,610	e553	217	285	424	156	1,900
27	667	6,780	461	461	e3,400	2,710	e658	206	282	386	146	2,470
28	497	7,440	451	437	4,370	2,160	e554	201	280	378	153	1,870
29	e352	6,830	412	603	---	1,370	464	475	279	1,110	213	1,140
30	e364	5,240	388	1,050	---	974	805	962	278	3,920	5,190	912
31	e277	---	371	1,080	---	3,690	---	1,750	---	2,970	7,860	---
TOTAL	10,229	86,794	131,547	42,497	104,268	69,040	108,094	15,050	94,263	75,698	23,614	57,450
MEAN	330	2,893	4,243	1,371	3,724	2,227	3,603	485	3,142	2,442	762	1,915
MAX	901	7,960	11,000	6,070	6,570	5,550	9,410	1,940	10,100	7,350	7,860	7,540
MIN	90	184	371	302	908	895	464	201	278	276	146	174
CFSM	0.30	2.64	3.87	1.25	3.39	2.03	3.28	0.44	2.86	2.23	0.69	1.75
IN.	0.35	2.94	4.46	1.44	3.54	2.34	3.67	0.51	3.20	2.57	0.80	1.95

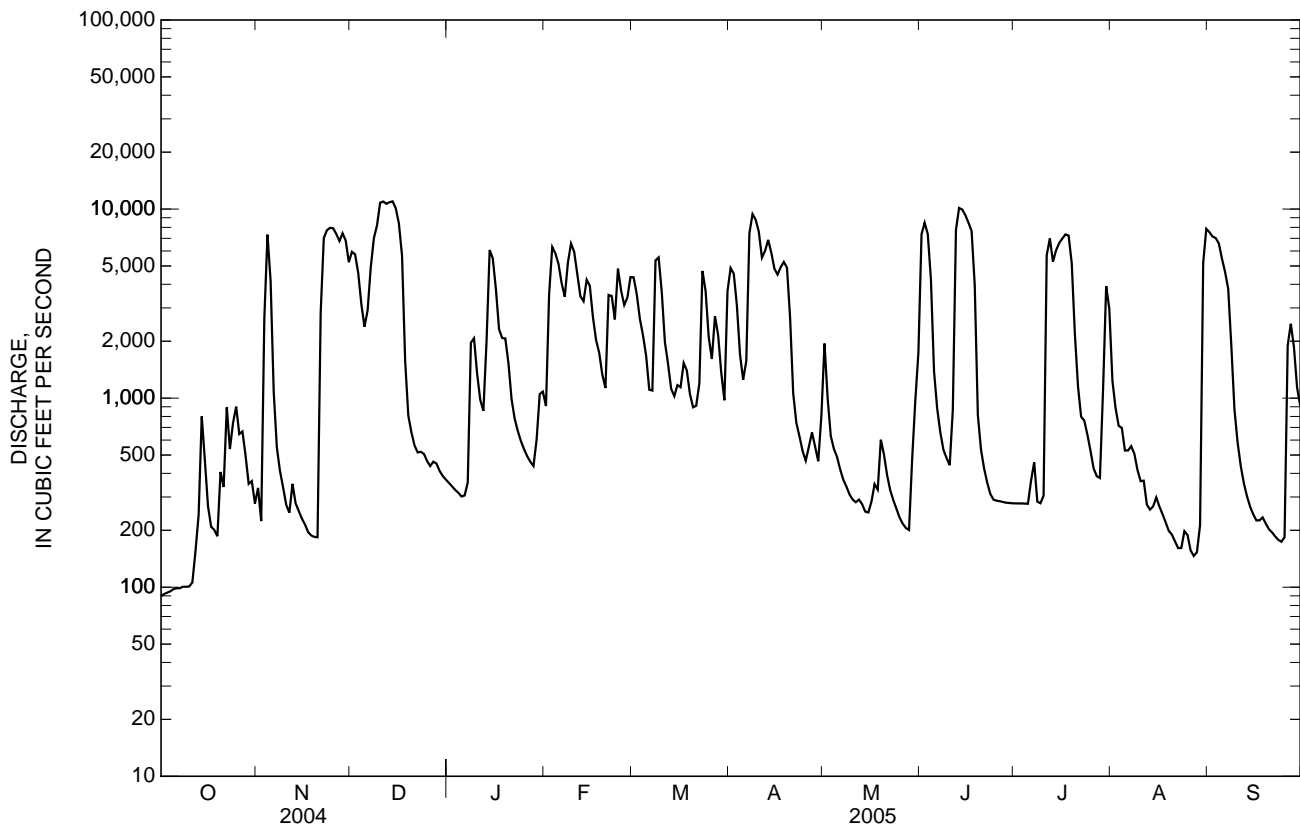
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	319	680	1,709	2,898	3,588	3,396	3,100	1,345	653	682	319	346
MAX	2,517	2,998	9,407	9,782	9,415	9,230	17,520	10,340	3,142	7,432	2,064	3,067
(WY)	(2003)	(2003)	(1962)	(1949)	(1983)	(1980)	(1979)	(1991)	(2005)	(1940)	(1946)	(1950)
MIN	31.0	49.5	105	91.1	210	455	180	107	61.3	62.8	34.1	27.5
(WY)	(1955)	(1955)	(1963)	(1956)	(2000)	(2000)	(1963)	(1965)	(1988)	(1952)	(1954)	(1954)

02448500 NOXUBEE RIVER NEAR GEIGER, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	714,444		818,544		1,574	
ANNUAL MEAN	1,952		2,243		3,967	
HIGHEST ANNUAL MEAN					327	
LOWEST ANNUAL MEAN					136,000	
HIGHEST DAILY MEAN	17,000	Feb 9	11,000	Dec 11	156,000	Apr 14, 1979
LOWEST DAILY MEAN	90	Oct 1	90	Oct 1	22	Sep 24, 1954
ANNUAL SEVEN-DAY MINIMUM	93	Sep 28	95	Oct 1	23	Sep 23, 1954
MAXIMUM PEAK FLOW			11,300	Dec 10	156,000	Apr 14, 1979
MAXIMUM PEAK STAGE			33.89	Dec 10	48.58	Apr 14, 1979
ANNUAL RUNOFF (CFSM)	1.78		2.04		1.44	
ANNUAL RUNOFF (INCHES)	24.23		27.76		19.50	
10 PERCENT EXCEEDS	6,650		6,990		4,970	
50 PERCENT EXCEEDS	532		805		363	
90 PERCENT EXCEEDS	133		208		77	

e Estimated



02448900 BODKA CREEK NEAR GEIGER, AL

LOCATION.--Lat 32°48'25", long 88°18'43", in SE ¼ sec. 8, T. 21 N., R. 3 E., Sumter County, Hydrologic Unit 03160108, at right bank on downstream side of State Highway 17, 1.6 mi downstream from Tifallili Creek, 4.2 mi north of Geiger, and 9.2 mi upstream from mouth.

DRAINAGE AREA.--158 mi².

PERIOD OF RECORD.--October 1990 to current year.

GAGE.--Water-stage recorder. Datum of gage is 104.78 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: July 25 - Aug. 12. Records good except those below 5 ft³/s and those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	2315	5,580	19.48	Jun 12	2045	*7,090	*20.35
Apr 7	1545	6,610	20.11	Jul 11	2245	6,050	19.79

Minimum discharge, 1.4 ft³/s, Oct. 8, 9, 10, gage height, 3.39 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.8	13	715	28	250	262	4,110	213	4,010	19	e12	171
2	3.0	10	398	30	1,780	155	1,830	86	3,570	18	e11	42
3	3.0	921	156	27	1,880	116	276	56	358	18	e9.5	23
4	2.3	3,060	107	25	440	100	163	44	127	17	e8.4	16
5	2.0	1,460	90	23	218	92	116	37	74	18	e9.5	11
6	1.7	147	260	30	150	83	671	36	43	28	e10	8.5
7	1.6	81	1,260	45	121	106	5,320	31	30	52	e13	6.1
8	1.5	53	1,410	936	1,110	1,100	2,580	29	24	35	e9.6	4.9
9	1.4	36	3,050	374	1,530	427	254	28	22	21	e6.0	4.7
10	3.1	25	3,600	138	770	187	153	28	20	121	e5.5	4.3
11	23	48	938	98	263	130	105	27	349	4,230	e6.0	4.4
12	34	718	372	80	175	101	1,130	26	5,170	3,760	e8.1	3.3
13	39	229	367	428	143	88	1,250	25	4,760	365	7.8	3.4
14	24	105	205	858	903	80	201	25	492	182	8.1	3.4
15	13	67	76	295	485	75	106	36	127	448	7.2	3.5
16	5.3	45	64	123	224	278	75	31	77	972	6.7	4.3
17	2.7	32	55	88	158	253	62	36	47	2,210	6.7	6.6
18	1.8	27	48	69	116	154	54	30	35	547	6.9	6.0
19	6.4	21	44	59	98	114	51	26	29	103	7.3	5.1
20	309	21	38	51	90	108	49	25	27	322	8.2	3.8
21	144	866	32	41	290	110	46	40	25	185	7.8	4.0
22	57	1,770	31	37	236	188	44	33	24	230	8.4	3.0
23	46	859	92	33	151	323	45	25	24	56	10	3.4
24	1,520	1,540	70	28	565	182	40	23	23	30	10	3.8
25	648	998	55	26	360	118	35	27	22	e21	8.8	8.1
26	135	198	46	24	169	97	119	23	21	e14	7.4	483
27	76	757	40	22	197	439	182	22	21	e12	7.5	152
28	48	1,570	36	22	524	276	78	22	21	e11	8.9	33
29	34	523	32	94	---	144	54	760	21	e11	83	15
30	22	167	30	100	---	103	247	1,520	20	e15	1,680	7.4
31	17	---	28	98	---	3,690	---	1,620	---	e18	1,370	---
TOTAL	3,227.6	16,367	13,745	4,330	13,396	9,679	19,446	4,990	19,613	14,089	3,369.3	1,048.0
MEAN	104	546	443	140	478	312	648	161	654	454	109	34.9
MAX	1,520	3,060	3,600	936	1,880	3,690	5,320	1,620	5,170	4,230	1,680	483
MIN	1.4	10	28	22	90	75	35	22	20	11	5.5	3.0
CFSM	0.66	3.45	2.81	0.88	3.03	1.98	4.10	1.02	4.14	2.88	0.69	0.22
IN.	0.76	3.85	3.24	1.02	3.15	2.28	4.58	1.17	4.62	3.32	0.79	0.25

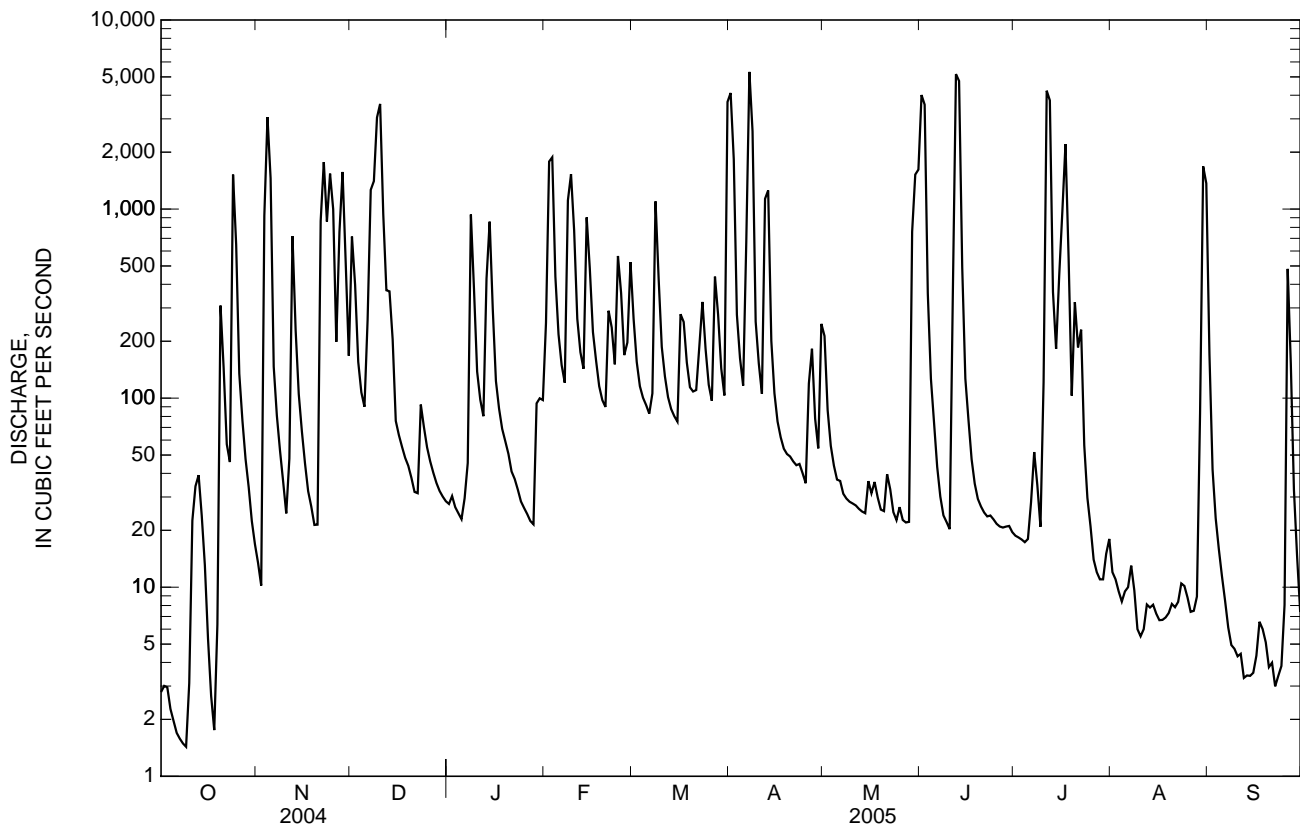
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2005, BY WATER YEAR (WY)

MEAN	62.2	125	248	482	583	425	411	150	128	81.5	39.5	36.8
MAX	358	546	631	1,561	1,420	867	1,222	1,296	654	454	150	320
(WY)	(2003)	(2005)	(2003)	(1998)	(2004)	(1996)	(2003)	(1991)	(2005)	(2005)	(1992)	(2002)
MIN	0.00	0.13	0.93	29.8	19.2	48.7	34.6	0.33	0.66	0.28	0.00	0.00
(WY)	(1991)	(2000)	(2000)	(2000)	(2000)	(1992)	(2002)	(2000)	(2000)	(2000)	(2000)	(2000)

02448900 BODKA CREEK NEAR GEIGER, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1991 - 2005	
ANNUAL TOTAL	106,482.4		123,299.9		229	
ANNUAL MEAN	291		338		378	
HIGHEST ANNUAL MEAN					52.7	
LOWEST ANNUAL MEAN					16,000	
HIGHEST DAILY MEAN	12,800	Feb 6	5,320	Apr 7	21,900	Jan 8, 1998
LOWEST DAILY MEAN	1.4	Sep 10	1.4	Oct 9	0.00	Oct 1, 1990
ANNUAL SEVEN-DAY MINIMUM	1.9	Oct 3	1.9	Oct 3	0.00	Oct 1, 1990
MAXIMUM PEAK FLOW			7,090	Jun 12	24.20	Jan 8, 1998
MAXIMUM PEAK STAGE			20.35	Jun 12	1.45	
ANNUAL RUNOFF (CFSM)	1.84		2.14		19.69	
ANNUAL RUNOFF (INCHES)	25.07		29.03		465	
10 PERCENT EXCEEDS	770		937		19	
50 PERCENT EXCEEDS	52		51		0.23	
90 PERCENT EXCEEDS	3.1		6.7			

e Estimated



02449840 DUCK RIVER NEAR BERLIN, AL

LOCATION.--Lat 34°10'19", long 86°41'42", in NE ¼ sec. 13, T. 10 S., R. 2 W., Cullman County, Hydrologic Unit 03160110, on left bank 200 ft downstream of U.S. Highway 278, 2.8 mi east of Berlin.

DRAINAGE AREA.--37.1 mi².

PERIOD OF RECORD.--Nov. 29, 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 600 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 14.14 ft, Dec. 9, 2004; minimum, not determined, stream has periods of no flow.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 14.14 ft, Dec. 9; minimum gage height, 2.35 ft, Sept. 25.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.62	4.02	5.47	4.10	4.01	4.53	4.62	4.06	3.94	3.56	4.01	3.80
2	3.62	4.06	4.93	4.07	4.19	4.44	4.69	3.95	4.11	3.82	3.93	3.73
3	3.62	6.23	4.76	4.05	4.29	4.40	4.51	3.89	4.35	3.70	3.86	3.69
4	3.62	---	4.63	4.03	4.23	4.34	4.41	3.85	4.03	3.86	3.80	3.65
5	3.61	---	4.57	4.01	4.19	4.29	4.34	3.82	3.90	4.31	3.76	3.62
6	3.59	---	6.04	---	4.16	4.24	4.42	3.81	3.83	4.17	3.75	3.58
7	3.58	---	6.83	4.15	4.15	4.28	5.49	3.79	3.86	4.17	3.79	3.56
8	3.59	---	5.31	5.08	4.23	4.43	---	3.76	4.28	3.98	3.72	3.53
9	3.60	---	7.36	4.66	4.22	4.30	---	3.74	4.34	3.87	3.71	3.46
10	3.64	4.23	5.44	4.53	4.17	4.29	---	3.72	4.17	3.81	3.73	3.36
11	3.67	4.35	5.00	4.46	4.12	4.24	---	3.71	4.19	4.00	3.68	3.20
12	3.72	4.86	4.81	4.40	4.11	4.20	---	3.69	4.29	4.01	3.67	3.00
13	3.75	4.63	4.66	4.53	4.13	4.18	---	3.66	4.23	3.94	3.83	2.87
14	3.76	4.47	4.54	4.61	4.35	4.20	---	3.64	4.11	4.29	3.90	2.85
15	3.71	4.37	4.46	4.49	4.30	4.13	4.30	3.69	4.01	4.81	3.76	2.76
16	3.67	4.32	4.40	4.43	4.28	4.19	4.23	3.70	3.92	4.40	3.69	2.86
17	---	4.27	4.35	4.34	4.22	4.22	4.18	3.65	3.86	4.26	3.67	2.92
18	---	4.23	4.30	4.29	4.17	4.18	4.14	3.62	3.81	4.18	3.65	2.83
19	4.52	4.22	4.25	4.27	4.14	4.16	4.10	3.59	3.77	4.10	3.66	2.72
20	4.49	4.25	4.18	4.25	4.47	4.14	4.05	3.65	3.74	4.00	3.67	2.66
21	4.21	4.22	4.17	4.21	5.07	4.11	4.02	3.89	3.80	4.06	3.62	2.62
22	4.09	4.48	4.29	4.17	4.97	4.20	4.02	3.73	3.81	4.06	3.74	2.54
23	4.02	5.14	4.55	4.10	4.73	4.28	4.01	3.66	3.73	3.92	3.72	2.45
24	4.18	6.43	4.41	4.06	4.73	4.17	3.94	3.62	3.68	3.85	3.68	2.39
25	4.08	5.17	4.36	4.06	4.58	4.13	3.91	3.57	3.64	3.81	3.63	2.39
26	4.01	4.87	4.31	4.05	4.49	4.11	3.91	3.52	3.68	3.77	3.59	5.13
27	3.97	5.00	4.24	4.01	---	4.14	3.91	3.50	3.65	3.89	3.57	4.15
28	4.08	4.96	4.20	3.97	4.71	4.29	3.86	3.48	3.64	4.11	3.55	3.93
29	4.25	4.76	4.18	4.03	---	4.17	3.84	3.51	3.62	4.63	3.55	3.83
30	4.14	4.90	4.16	4.06	---	4.12	4.23	3.55	3.59	4.38	3.94	3.78
31	4.08	---	4.13	4.03	---	4.57	---	3.56	---	4.13	3.94	---
MEAN	---	---	4.75	---	---	4.25	---	3.70	3.92	4.06	3.73	3.26
MAX	---	---	7.36	---	---	4.57	---	4.06	4.35	4.81	4.01	5.13
MIN	---	---	4.13	---	---	4.11	---	3.48	3.59	3.56	3.55	2.39

02449882 BLUE SPRINGS CREEK NEAR BLOUNTSVILLE, AL

LOCATION.--Lat 34°04'47", long 86°36'28", NE ¼ sec. 14, T. 11 S., R. 1 W., Blount County, Hydrologic Unit 03160109, on left bank 300 feet above sewage treatment plant outfall, 1 mi southwest of Blountsville.

DRAINAGE AREA.--13.0 mi².

PERIOD OF RECORD.--October 1992 to current year.

REVISED RECORD.--WDR AL-95-1: 1993, 1994.

GAGE.--Water-stage recorder. Elevation of gage is 650 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Nov. 23-29, Feb. 27, 28. Records good except those of estimated period, which are fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	1530	1,190	8.11	Mar 31	0800	604	6.45
Nov 24	1015	1,400	8.66	Apr 7	0445	648	6.59
Dec 9	1345	*1,660	*9.35	Jul 4	1815	839	7.15

Minimum discharge, 0.51 ft³/s, Oct. 17, gage height, 1.32 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.1	2.3	126	11	8.1	24	61	10	14	6.0	13	1.4
2	1.1	6.5	57	11	15	19	46	8.8	13	5.7	5.3	1.3
3	1.1	107	43	11	13	18	36	7.7	8.1	4.4	4.0	1.7
4	1.1	67	35	10	12	16	29	6.6	5.2	94	3.6	1.5
5	0.95	29	33	10	11	14	23	6.2	4.0	20	3.8	1.3
6	0.94	18	90	13	11	13	29	6.1	5.0	18	3.4	1.4
7	1.0	14	92	12	10	17	231	5.8	9.4	22	3.6	2.0
8	1.0	11	59	18	12	19	73	5.4	27	12	3.0	1.1
9	1.2	9.3	691	14	14	14	52	4.9	13	9.5	3.1	1.1
10	1.1	8.4	167	13	13	14	41	4.8	10	10	2.6	1.6
11	1.1	25	72	12	12	12	34	4.4	11	18	2.3	1.6
12	1.4	35	55	12	12	11	35	4.0	11	11	3.0	1.4
13	2.3	24	45	20	12	11	33	3.4	9.2	22	3.5	0.98
14	2.0	18	37	19	16	13	27	3.2	8.5	43	3.6	1.6
15	1.7	15	32	17	13	11	21	3.5	7.4	34	2.6	3.2
16	1.6	13	29	16	12	12	18	3.4	6.6	21	2.2	2.8
17	1.0	11	26	14	12	12	15	3.0	6.4	16	2.4	2.0
18	0.96	10	23	13	11	11	14	2.9	6.7	13	2.2	1.8
19	39	10	21	12	11	10	12	2.7	5.7	10	1.7	0.89
20	10	10	19	12	17	9.7	11	19	5.9	9.5	1.6	0.72
21	5.0	9.9	18	11	39	9.5	9.8	8.7	8.0	8.6	1.6	1.0
22	3.5	63	25	10	26	13	11	5.6	6.3	7.4	2.8	1.3
23	3.7	e196	29	9.3	23	14	9.4	4.8	5.5	7.0	2.4	0.84
24	7.0	e228	21	9.3	24	12	9.0	4.3	4.7	6.4	1.8	0.80
25	4.0	e93	19	9.1	18	11	8.4	3.9	4.4	6.3	1.4	0.98
26	3.3	e56	18	9.0	16	10	9.5	3.7	4.9	6.0	1.4	25
27	2.9	e70	16	8.2	e45	12	8.3	3.5	5.1	16	1.6	2.3
28	3.4	e71	15	8.0	e35	13	6.4	3.9	4.0	6.8	1.3	1.7
29	3.0	e52	14	11	---	10	5.8	3.9	4.2	6.1	2.7	1.6
30	2.7	100	13	9.4	---	9.9	25	4.1	4.8	5.0	5.1	1.9
31	2.5	---	12	8.7	---	196	---	4.2	---	5.2	2.5	---
TOTAL	112.65	1,382.4	1,952	373.0	473.1	591.1	943.6	166.4	239.0	479.9	95.1	68.81
MEAN	3.63	46.1	63.0	12.0	16.9	19.1	31.5	5.37	7.97	15.5	3.07	2.29
MAX	39	228	691	20	45	196	231	19	27	94	13	25
MIN	0.94	2.3	12	8.0	8.1	9.5	5.8	2.7	4.0	4.4	1.3	0.72
CFSM	0.28	3.54	4.84	0.93	1.30	1.47	2.42	0.41	0.61	1.19	0.24	0.18
IN.	0.32	3.96	5.59	1.07	1.35	1.69	2.70	0.48	0.68	1.37	0.27	0.20

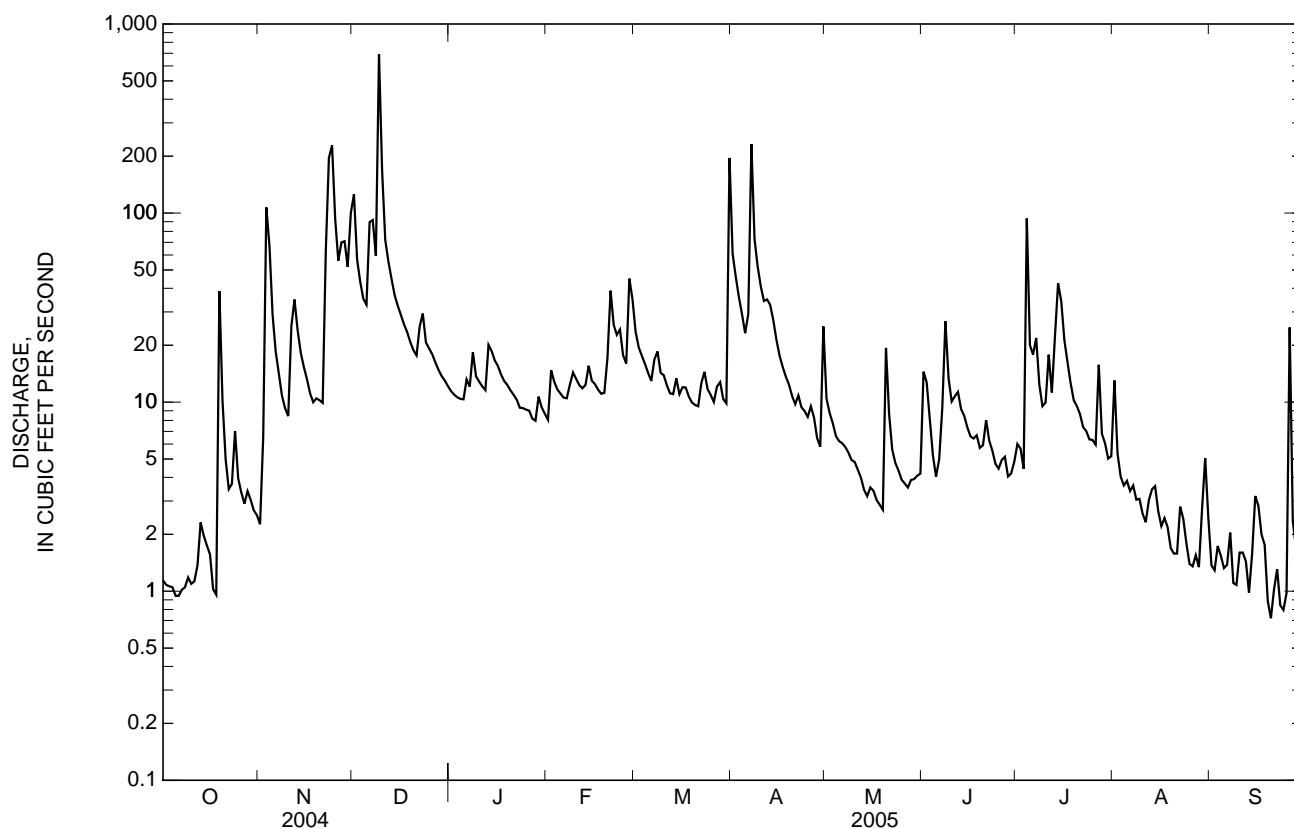
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 2005, BY WATER YEAR (WY)

MEAN	7.84	12.0	20.6	37.1	40.7	43.6	32.1	17.2	14.2	7.73	3.06	7.15
MAX	35.7	46.1	63.0	75.3	73.6	87.2	71.8	51.8	86.3	22.3	8.76	49.2
(WY)	(1996)	(2005)	(2005)	(1998)	(1998)	(2001)	(1998)	(1997)	(1997)	(1997)	(1996)	(1996)
MIN	0.29	0.49	0.98	3.16	5.16	19.1	6.66	3.92	2.18	0.74	0.26	0.43
(WY)	(2001)	(1999)	(2000)	(2000)	(2000)	(2005)	(2004)	(2004)	(2000)	(2000)	(2000)	(2000)

02449882 BLUE SPRINGS CREEK NEAR BLOUNTSVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1992 - 2005	
ANNUAL TOTAL	7,567.38		6,877.06		20.2	
ANNUAL MEAN	20.7		18.8		30.1	
HIGHEST ANNUAL MEAN					9.64	
LOWEST ANNUAL MEAN					1,040	
HIGHEST DAILY MEAN	691	Dec 9	691	Dec 9	1,040	Jan 7, 1998
LOWEST DAILY MEAN	0.52	Aug 31	0.72	Sep 20	0.00	Oct 14, 2000
ANNUAL SEVEN-DAY MINIMUM	0.74	Aug 30	0.93	Sep 19	0.05	Aug 20, 2000
MAXIMUM PEAK FLOW			1,660	Dec 9	2,470	May 3, 1997
MAXIMUM PEAK STAGE			9.35	Dec 9	11.37	May 3, 1997
ANNUAL RUNOFF (CFSM)	1.59		1.45		1.55	
ANNUAL RUNOFF (INCHES)	21.65		19.68		21.07	
10 PERCENT EXCEEDS	45		35		40	
50 PERCENT EXCEEDS	6.4		10		7.4	
90 PERCENT EXCEEDS	1.1		1.6		1.0	

e Estimated



02450000 MULBERRY FORK NEAR GARDEN CITY, AL

LOCATION.--Lat 33°59'42", long 86°44'56", in NE ¼ sec. 16, T. 12 S., R. 2 W., Blount County, Hydrologic Unit 03160109, on left bank near downstream side of bridge on U.S. Highway 31 (old), 1,000 ft downstream from Louisville & Nashville Railroad bridge, 1 mi southwest of Garden City, 5.5 mi downstream from Mud Creek, and at mile 79.2.

DRAINAGE AREA.--365 mi².

PERIOD OF RECORD.--October 1928 to current year. Monthly discharge only for period April to June 1932 published in WSP 1304. Prior to 1941, published as "Mulberry Fork of Black Warrior River."

REVISED RECORD.--WDR AL-79-2: Drainage area. WDR AL-82-1: 1974-80 (P).

GAGE.--Water-stage recorder. Datum of gage is 380.54 ft above NGVD of 1929. Prior to Dec. 5, 1939, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharge: Dec. 17, Jan. 10-12, May 4, 5, July 13, 14, July 29 - Aug. 15. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 13,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1245	20,500	14.82	Dec 9	1630	*35,800	*18.93
Dec 7	1400	15,300	13.00				

Minimum discharge, 17 ft³/s, Sept. 25, gage height, 2.32 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	67	248	4,860	383	291	1,150	2,170	593	306	91	e233	112
2	64	248	2,460	367	457	929	2,380	354	638	145	e210	81
3	59	3,800	1,700	346	644	819	1,510	277	1,120	153	e160	67
4	55	4,700	1,310	331	546	721	1,160	e240	409	146	e132	58
5	51	2,040	1,090	319	496	651	940	e190	266	1,180	e111	51
6	49	1,260	3,610	352	462	576	969	180	199	809	e99	44
7	45	937	10,000	421	435	575	6,010	164	311	769	e87	41
8	43	729	3,950	1,780	515	988	3,820	150	461	524	e91	37
9	45	575	16,400	1,210	565	710	2,570	138	978	369	e94	34
10	46	486	5,900	e900	526	662	1,790	130	526	317	e81	33
11	48	668	2,990	e800	459	600	1,370	122	640	541	e75	32
12	51	1,560	2,040	e670	436	543	1,460	112	888	570	e72	27
13	61	1,180	1,540	806	432	514	1,220	102	806	e440	e84	26
14	63	852	1,190	1,250	683	688	1,030	94	559	e950	e104	25
15	58	679	989	912	667	543	820	103	416	2,400	e171	24
16	53	583	857	804	600	548	689	114	317	1,070	99	24
17	49	517	e760	694	547	596	598	100	252	739	83	24
18	44	466	678	607	487	558	538	108	203	555	121	25
19	2,160	434	615	564	452	509	482	79	168	474	106	21
20	1,900	464	529	534	489	481	431	94	144	369	120	21
21	636	423	482	500	2,440	459	385	312	513	306	95	20
22	444	1,070	511	462	1,930	654	384	171	369	286	89	19
23	354	5,550	962	405	1,450	924	377	113	251	240	229	19
24	540	11,500	726	350	1,580	653	319	91	179	195	160	18
25	461	4,160	623	341	1,200	565	278	77	142	162	93	19
26	359	2,340	577	335	989	514	270	68	124	143	74	2,370
27	304	2,410	522	315	932	518	286	61	127	126	64	533
28	271	2,660	476	285	1,650	583	249	57	138	614	57	246
29	328	1,770	454	295	---	521	222	56	122	e397	53	148
30	313	1,630	434	343	---	455	1,140	58	105	e920	132	104
31	274	---	411	311	---	3,010	---	62	---	e281	151	---
TOTAL	9,295	55,939	69,646	17,992	22,360	22,217	35,867	4,570	11,677	16,281	3,530	4,303
MEAN	300	1,865	2,247	580	799	717	1,196	147	389	525	114	143
MAX	2,160	11,500	16,400	1,780	2,440	3,010	6,010	593	1,120	2,400	233	2,370
MIN	43	248	411	285	291	455	222	56	105	91	53	18
CFSM	0.82	5.11	6.16	1.59	2.19	1.96	3.28	0.40	1.07	1.44	0.31	0.39
IN.	0.95	5.70	7.10	1.83	2.28	2.26	3.66	0.47	1.19	1.66	0.36	0.44

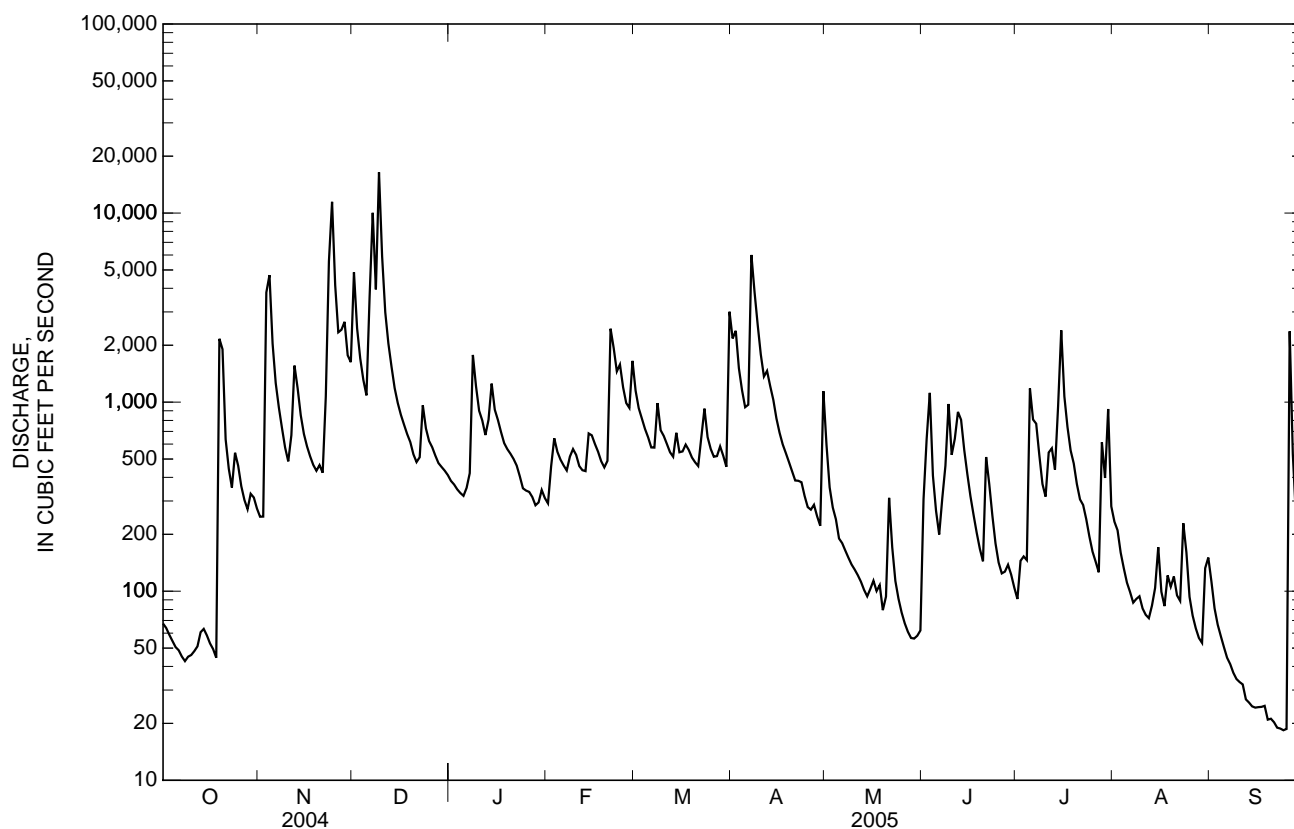
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

MEAN	173	395	825	1,375	1,540	1,504	1,048	550	267	281	159	138
MAX	1,098	3,594	3,598	3,425	4,484	4,444	3,441	2,351	2,839	1,623	1,391	807
(WY)	(1978)	(1930)	(1933)	(1982)	(1990)	(1980)	(1964)	(2003)	(1997)	(1989)	(1967)	(1980)
MIN	5.83	7.27	31.9	59.9	285	317	144	71.6	18.4	28.9	16.8	5.40
(WY)	(1949)	(1954)	(1966)	(1956)	(1934)	(1988)	(1986)	(1936)	(1941)	(1977)	(1954)	(1931)

02450000 MULBERRY FORK NEAR GARDEN CITY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	294,587		273,677		684	
ANNUAL MEAN	805		750		280	
HIGHEST ANNUAL MEAN					1,063	
LOWEST ANNUAL MEAN					280	
HIGHEST DAILY MEAN	22,700	Feb 6	16,400	Dec 9	45,900	Feb 16, 1990
LOWEST DAILY MEAN	16	Aug 19	18	Sep 24	3.0	Sep 28, 1931
ANNUAL SEVEN-DAY MINIMUM	19	Aug 15	20	Sep 19	3.1	Sep 28, 1931
MAXIMUM PEAK FLOW			35,800	Dec 9	66,500	Feb 16, 1990
MAXIMUM PEAK STAGE			18.93	Dec 9	25.04	Feb 16, 1990
ANNUAL RUNOFF (CFSM)	2.21		2.05		1.87	
ANNUAL RUNOFF (INCHES)	30.02		27.89		25.46	
10 PERCENT EXCEEDS	1,860		1,600		1,620	
50 PERCENT EXCEEDS	282		434		236	
90 PERCENT EXCEEDS	43		57		20	

e Estimated



02450180 MULBERRY FORK NEAR ARKADELPHIA, AL

LOCATION--Lat 33°52'19", long 86°55'20", in NE ¼ sec. 35, T. 13 S., R. 4 W., Blount County, Hydrologic Unit 03160109, on left bank 200 ft upstream from county road, 4 mi south of Arkadelphia, and at mile 58.6.

DRAINAGE AREA--487 mi².

PERIOD OF RECORD--October 1976 to September 1986, October 1988 to current year.

GAGE--Water-stage recorder. Datum of gage is 270.23 ft above NGVD of 1929.

REMARKS--Estimated daily discharge: Oct. 16-18, Feb. 27, 28. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 11,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	2345	13,700	26.48	Dec 10	0600	*18,800	*29.92

Minimum discharge, 26 ft³/s, Sept. 23, gage height, 0.69 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	88	327	5,240	514	360	1,690	3,580	1,120	384	109	299	164
2	80	316	3,400	479	529	1,320	3,180	577	551	98	274	123
3	76	2,600	2,270	449	916	1,110	2,230	439	1,280	176	214	94
4	71	6,290	1,740	424	782	965	1,680	359	548	145	172	77
5	68	3,020	1,450	403	679	844	1,380	313	349	929	143	68
6	58	1,730	2,760	418	621	747	1,250	284	266	815	127	59
7	56	1,290	7,760	520	577	718	6,130	261	252	747	112	53
8	51	1,000	6,560	1,480	627	1,250	5,320	238	400	639	113	50
9	56	801	8,000	1,680	742	1,070	3,530	221	885	430	122	47
10	60	672	15,500	1,170	733	940	2,430	207	658	353	106	43
11	60	777	5,180	965	636	843	1,850	194	550	534	99	41
12	62	1,900	2,850	842	592	751	1,740	179	829	684	91	42
13	65	1,800	2,220	851	577	696	1,750	165	927	549	109	37
14	76	1,250	1,730	1,530	809	963	1,380	151	650	1,020	117	35
15	78	965	1,430	1,220	964	823	1,090	158	486	2,700	217	33
16	e71	817	1,230	1,020	817	748	895	171	369	1,660	136	34
17	e69	719	1,080	891	737	805	757	154	291	954	101	35
18	e71	646	953	762	655	776	675	156	238	663	97	36
19	1,950	601	851	694	597	697	609	143	201	547	134	34
20	3,380	620	736	662	583	652	544	136	176	454	128	33
21	1,030	623	659	623	2,260	622	484	289	345	370	140	31
22	661	1,520	653	580	2,330	771	474	314	483	319	113	30
23	518	4,810	1,100	525	1,840	1,570	469	196	320	285	159	27
24	733	10,000	1,060	448	1,980	1,140	400	153	225	234	233	28
25	721	9,240	828	416	1,620	887	336	127	179	198	163	30
26	549	3,340	756	409	1,310	761	323	109	151	172	108	2,390
27	451	2,640	689	391	e1,190	755	338	97	139	164	86	1,120
28	389	3,510	627	353	e1,800	801	302	91	156	489	74	386
29	367	2,340	590	356	---	774	260	95	151	366	69	236
30	441	1,940	565	409	---	660	1,010	97	131	1,140	93	166
31	365	---	543	396	---	3,690	---	98	---	448	193	---
TOTAL	12,771	68,104	81,010	21,880	27,863	30,839	46,396	7,292	12,570	18,391	4,342	5,582
MEAN	412	2,270	2,613	706	995	995	1,547	235	419	593	140	186
MAX	3,380	10,000	15,500	1,680	2,330	3,690	6,130	1,120	1,280	2,700	299	2,390
MIN	51	316	543	353	360	622	260	91	131	98	69	27
CFSM	0.85	4.66	5.37	1.45	2.04	2.04	3.18	0.48	0.86	1.22	0.29	0.38
IN.	0.98	5.20	6.19	1.67	2.13	2.36	3.54	0.56	0.96	1.40	0.33	0.43

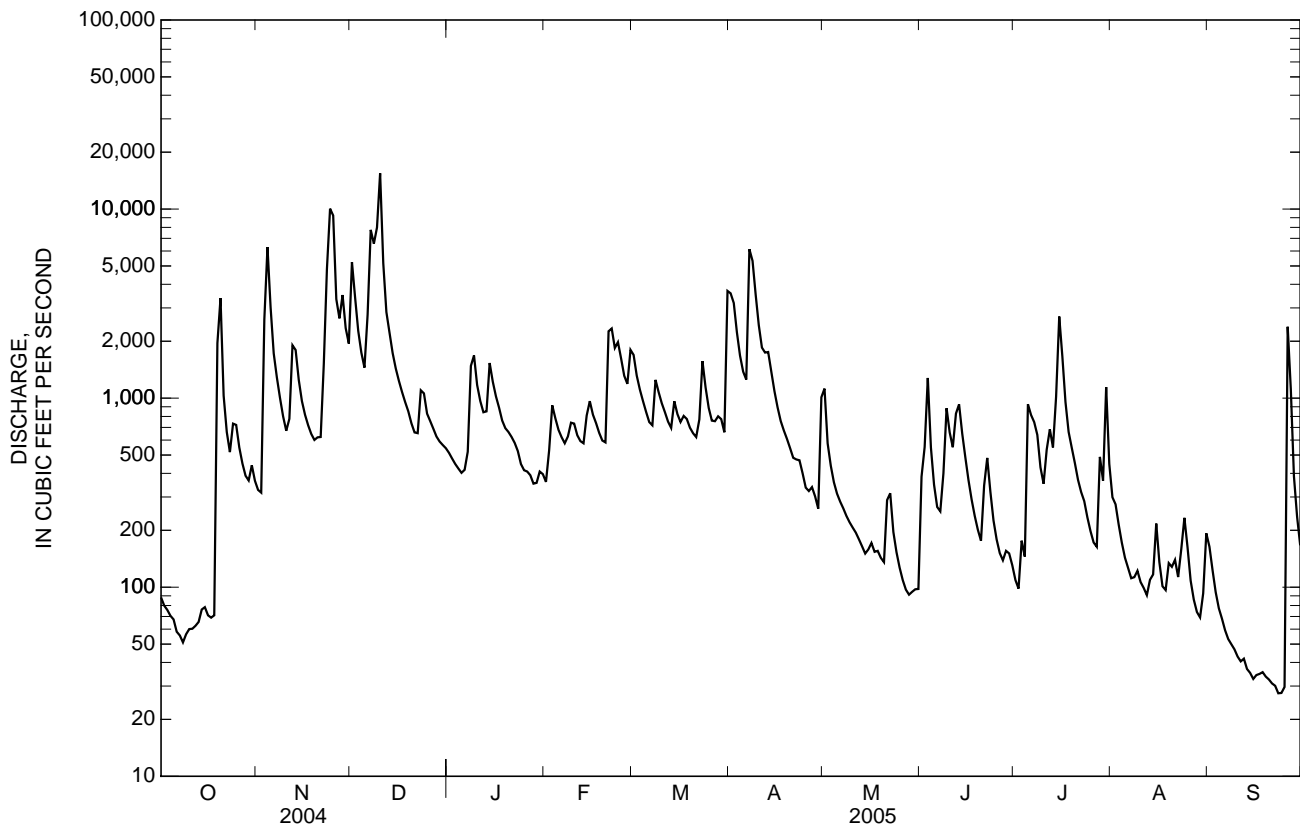
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2005, BY WATER YEAR (WY)

MEAN	317	635	1,075	1,619	1,844	1,909	1,422	788	436	298	121	206
MAX	1,973	2,375	2,635	3,188	6,623	5,629	3,809	2,704	3,104	2,005	657	802
(WY)	(1978)	(1978)	(1984)	(1982)	(1990)	(1980)	(1979)	(2003)	(1997)	(1989)	(1985)	(2001)
MIN	20.3	21.7	76.1	201	486	622	185	151	41.8	33.3	24.1	20.6
(WY)	(1992)	(1979)	(2000)	(1981)	(2000)	(1985)	(1986)	(1992)	(1977)	(1977)	(1990)	(1978)

02450180 MULBERRY FORK NEAR ARKADELPHIA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1977 - 2005	
ANNUAL TOTAL	370,173		337,040		884	
ANNUAL MEAN	1,011		923		368	
HIGHEST ANNUAL MEAN					1,305	
LOWEST ANNUAL MEAN					368	
HIGHEST DAILY MEAN	18,200	Feb 7	15,500	Dec 10	44,000	Feb 16, 1990
LOWEST DAILY MEAN	29	Aug 19	27	Sep 23	13	Aug 15, 1977
ANNUAL SEVEN-DAY MINIMUM	34	Aug 15	30	Sep 19	15	Sep 11, 1980
MAXIMUM PEAK FLOW			18,800	Dec 10	51,700	Feb 16, 1990
MAXIMUM PEAK STAGE			29.92	Dec 10	42.90	Feb 16, 1990
ANNUAL RUNOFF (CFSM)	2.08		1.90		1.82	
ANNUAL RUNOFF (INCHES)	28.28		25.75		24.67	
10 PERCENT EXCEEDS	2,240		1,940		2,030	
50 PERCENT EXCEEDS	408		547		360	
90 PERCENT EXCEEDS	58		75		31	

e Estimated



02450250 SIPSEY FORK NEAR GRAYSON, AL
(Hydrologic Bench-Mark Station)

LOCATION.--Lat 34°17'07", long 87°23'56", in NW sec. 8, T. 9 S., R. 8 W., Winston County, Hydrologic Unit 03160110, Bankhead National Forest, at downstream side of bridge on Cranal Road, 0.5 mi downstream from Borden Creek, 4.5 mi west of Grayson, 14 mi northeast of Haleyville, and 64.1 miles upstream from mouth.

DRAINAGE AREA.--92.1 mi².

PERIOD OF RECORD.--October 1966 to current year.

REVISED RECORDS.--WDR AL-79-2: Drainage Area.

GAGE.--Water-stage recorder. Elevation of gage is 540 ft above NGVD of 1929, from topographic map. Prior to June 29, 1984, at site 400 ft downstream at same datum.

REMARKS.--Estimated daily discharge: Apr. 23-26. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	0830	6,570	24.30	Dec 9	1230	6,480	24.10
Dec 7	0145	*6,940	*25.18	Apr 7	0215	4,130	18.19

Minimum discharge, 7.8 ft³/s, Oct. 5, 6, gage height, 2.79 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.2	45	1,520	72	64	325	176	113	68	44	17	94
2	9.2	40	650	68	88	256	279	81	78	54	16	57
3	9.0	59	406	65	128	213	233	66	45	26	15	40
4	8.6	114	281	64	120	177	195	56	31	23	14	30
5	8.2	105	212	63	118	152	165	50	24	60	13	25
6	8.4	84	2,430	70	112	127	631	46	25	201	12	21
7	8.3	70	5,130	79	109	134	2,380	42	52	88	11	19
8	8.5	55	1,210	572	194	191	917	38	44	52	11	17
9	10	44	3,530	368	193	159	603	35	42	37	11	16
10	13	38	1,400	265	171	176	423	33	31	34	11	15
11	14	41	714	213	148	172	316	31	32	1,110	10	14
12	18	77	470	186	137	160	425	28	578	590	9.7	13
13	17	68	339	816	134	150	425	25	281	253	9.5	13
14	15	57	237	1,020	233	259	323	24	122	415	10	12
15	16	50	187	521	234	231	244	29	76	593	9.8	12
16	15	46	161	360	215	219	191	24	52	239	12	17
17	13	44	141	253	173	192	158	21	39	152	34	15
18	15	40	126	195	145	163	138	20	31	108	18	13
19	676	39	113	171	126	145	120	19	26	85	19	12
20	340	38	94	152	224	130	105	21	22	65	14	11
21	113	38	90	136	1,170	119	95	24	26	78	12	11
22	71	63	91	116	970	142	91	20	31	56	19	11
23	53	721	142	92	585	195	e94	18	24	44	26	10
24	66	4,100	111	81	570	164	e67	16	21	34	46	10
25	61	969	103	83	426	159	e60	15	21	29	22	27
26	50	474	101	83	322	145	e64	13	32	25	17	324
27	47	399	90	71	274	144	61	13	29	22	15	72
28	103	463	84	63	411	158	52	14	21	20	14	41
29	80	340	83	72	---	129	50	13	18	25	17	30
30	64	708	81	73	---	118	165	15	18	21	956	24
31	53	---	77	66	---	155	---	16	---	19	237	---
TOTAL	1,992.4	9,429	20,404	6,509	7,794	5,359	9,246	979	1,940	4,602	1,658.0	1,026
MEAN	64.3	314	658	210	278	173	308	31.6	64.7	148	53.5	34.2
MAX	676	4,100	5,130	1,020	1,170	325	2,380	113	578	1,110	956	324
MIN	8.2	38	77	63	64	118	50	13	18	19	9.5	10
CFSM	0.70	3.41	7.15	2.28	3.02	1.88	3.35	0.34	0.70	1.61	0.58	0.37
IN.	0.80	3.81	8.24	2.63	3.15	2.16	3.73	0.40	0.78	1.86	0.67	0.41

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1967 - 2005, BY WATER YEAR (WY)

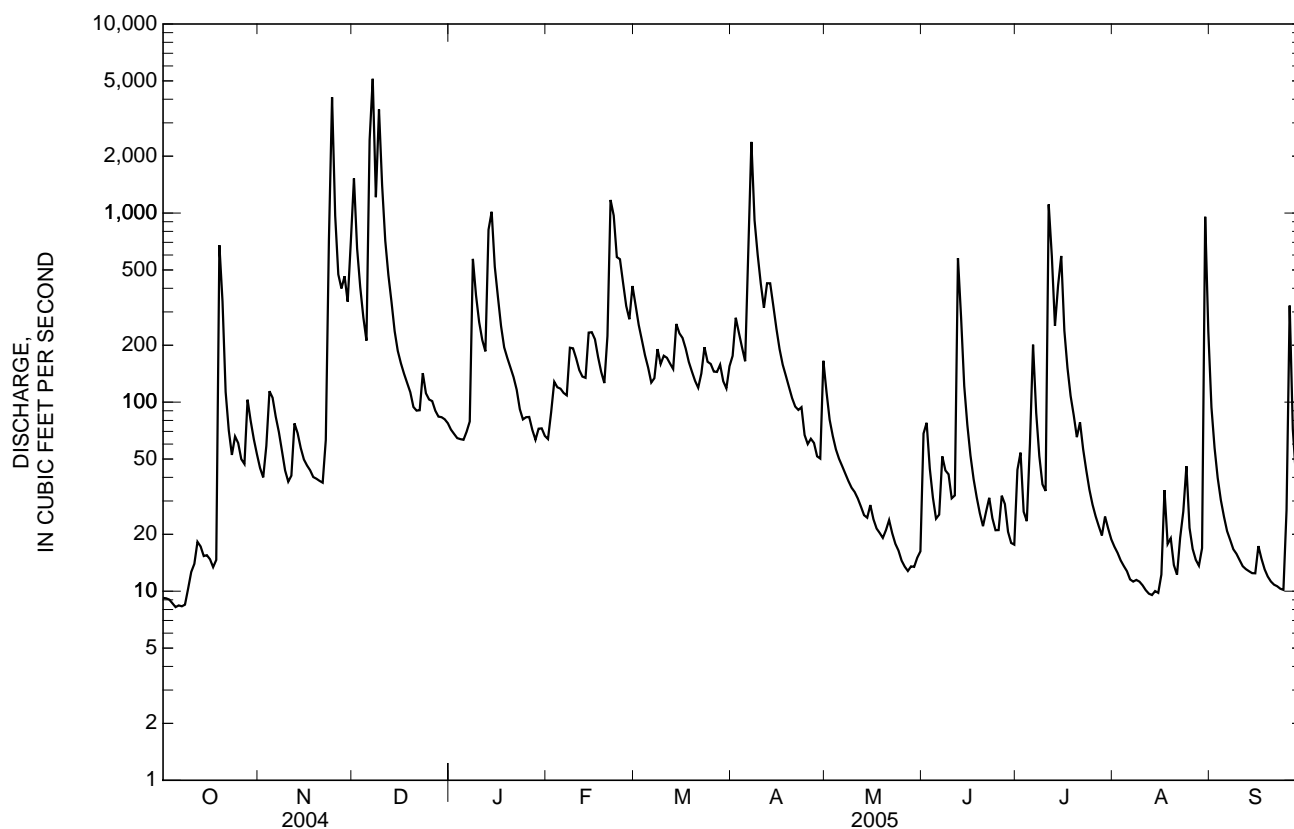
	MEAN	MAX	MIN	CFSM	IN.
(WY)	43.8	414	1.47		
(WY)	101	539	5.22		
(WY)	245	742	27.4		
(WY)	313	741	28.9		
(WY)	340	707	61.7		
(WY)	362	1,123	57.8		
(WY)	255	665	26.3		
(WY)	196	748	18.4		
(WY)	89.9	776	2.65		
(WY)	39.7	264	4.92		
(WY)	19.6	64.6	3.18		
(WY)	32.0	255	1.72		

MOBILE RIVER BASIN

02450250 SIPSEY FORK NEAR GRAYSON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1967 - 2005	
ANNUAL TOTAL	76,226.6		70,938.4		169	
ANNUAL MEAN	208		194		277	1980
HIGHEST ANNUAL MEAN					52.6	1986
LOWEST ANNUAL MEAN					15,200	Mar 16, 1973
HIGHEST DAILY MEAN	6,170	Feb 6	5,130	Dec 7	20,300	Mar 16, 1973
LOWEST DAILY MEAN	4.6	Aug 16	8.2	Oct 5	0.63	Sep 20, 2000
ANNUAL SEVEN-DAY MINIMUM	4.9	Aug 13	8.6	Oct 2	0.75	Aug 21, 2000
MAXIMUM PEAK FLOW			6,940	Dec 7	44.27	Mar 16, 1973
MAXIMUM PEAK STAGE			25.18	Dec 7	1.83	
ANNUAL RUNOFF (CFSM)	2.26		2.11		24.92	
ANNUAL RUNOFF (INCHES)	30.79		28.65		368	
10 PERCENT EXCEEDS	465		424		52	
50 PERCENT EXCEEDS	64		68		6.1	
90 PERCENT EXCEEDS	9.4		13			

e Estimated



02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRING, AL

LOCATION.--Lat 34°04'52", long 87°25'22", in NE ¼ SE ¼ sec. 19, T. 11 S., R.8 W., Winston County, Hydrologic Unit 03160110, on left bank 150 ft downstream of bridge on county road at New Hope Church, 4.5 mi northeast of Poplar Spring, and 6.1 mi southeast of Double Springs.

DRAINAGE AREA.--101 mi².

PERIOD OF RECORD.--October 1980 to September 1981, October 1993 to current year.

REVISED RECORD.--WDR AL-98-1: 1997.

GAGE.--Water-stage recorder. Elevation of gage is 565 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Dec. 10-15, Feb. 27. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 3, 1982 reached gage height of 12.25 ft, discharge, 6,750 ft³/s. Flood of Mar. 5, 1983 reached gage height of 15.74 ft, discharge, 9,680 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 7	1200	*5,690	*11.43	Dec 9	1630	4,180	9.10

Minimum discharge, 28 ft³/s, Oct. 5, gage height, 1.29 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	45	93	1,200	103	121	302	267	153	308	87	75	201
2	42	86	635	99	192	170	319	113	297	132	86	135
3	42	209	453	98	249	135	240	99	130	64	72	100
4	39	376	349	97	205	84	195	90	84	54	57	79
5	33	240	284	98	183	87	163	82	65	68	52	68
6	35	179	1,310	102	167	140	384	80	144	320	73	62
7	35	149	4,660	103	160	145	1,780	76	261	142	59	56
8	37	123	1,290	295	290	209	772	72	150	87	55	54
9	43	100	2,770	218	276	158	536	66	154	67	55	52
10	49	88	e1,430	174	231	186	401	65	108	64	52	48
11	50	93	e743	156	192	171	322	61	118	878	52	45
12	52	274	e555	196	176	156	396	58	994	602	62	44
13	54	182	e425	507	173	144	382	55	619	307	96	43
14	51	137	e306	782	293	219	292	56	317	235	83	43
15	53	115	e254	443	290	182	238	87	196	175	65	40
16	50	102	251	336	249	173	200	73	141	133	72	43
17	45	92	224	266	209	162	177	57	112	116	58	111
18	43	86	201	219	179	146	162	53	93	98	55	60
19	702	82	181	200	166	139	150	50	82	85	49	46
20	728	81	156	187	203	128	138	49	71	74	42	42
21	246	80	149	174	674	119	127	49	63	81	39	41
22	148	106	150	160	465	137	137	46	58	92	44	42
23	116	684	190	136	359	226	150	44	53	69	51	40
24	238	2,860	149	126	443	161	118	43	51	62	57	38
25	177	1,030	136	129	310	146	108	40	49	56	50	115
26	133	551	131	132	188	137	114	38	68	54	42	1,310
27	114	509	120	118	e237	142	113	36	71	51	39	331
28	186	545	115	109	406	143	95	38	52	48	39	163
29	150	380	114	135	---	125	92	41	49	130	53	113
30	124	552	112	137	---	111	187	47	47	154	1,150	84
31	105	---	109	124	---	286	---	47	---	102	439	---
TOTAL	3,965	10,184	19,152	6,159	7,286	4,969	8,755	1,964	5,005	4,687	3,273	3,649
MEAN	128	339	618	199	260	160	292	63.4	167	151	106	122
MAX	728	2,860	4,660	782	674	302	1,780	153	994	878	1,150	1,310
MIN	33	80	109	97	121	84	92	36	47	48	39	38
CFSM	1.27	3.36	6.12	1.97	2.58	1.59	2.89	0.63	1.65	1.50	1.05	1.20
IN.	1.46	3.75	7.05	2.27	2.68	1.83	3.22	0.72	1.84	1.73	1.21	1.34

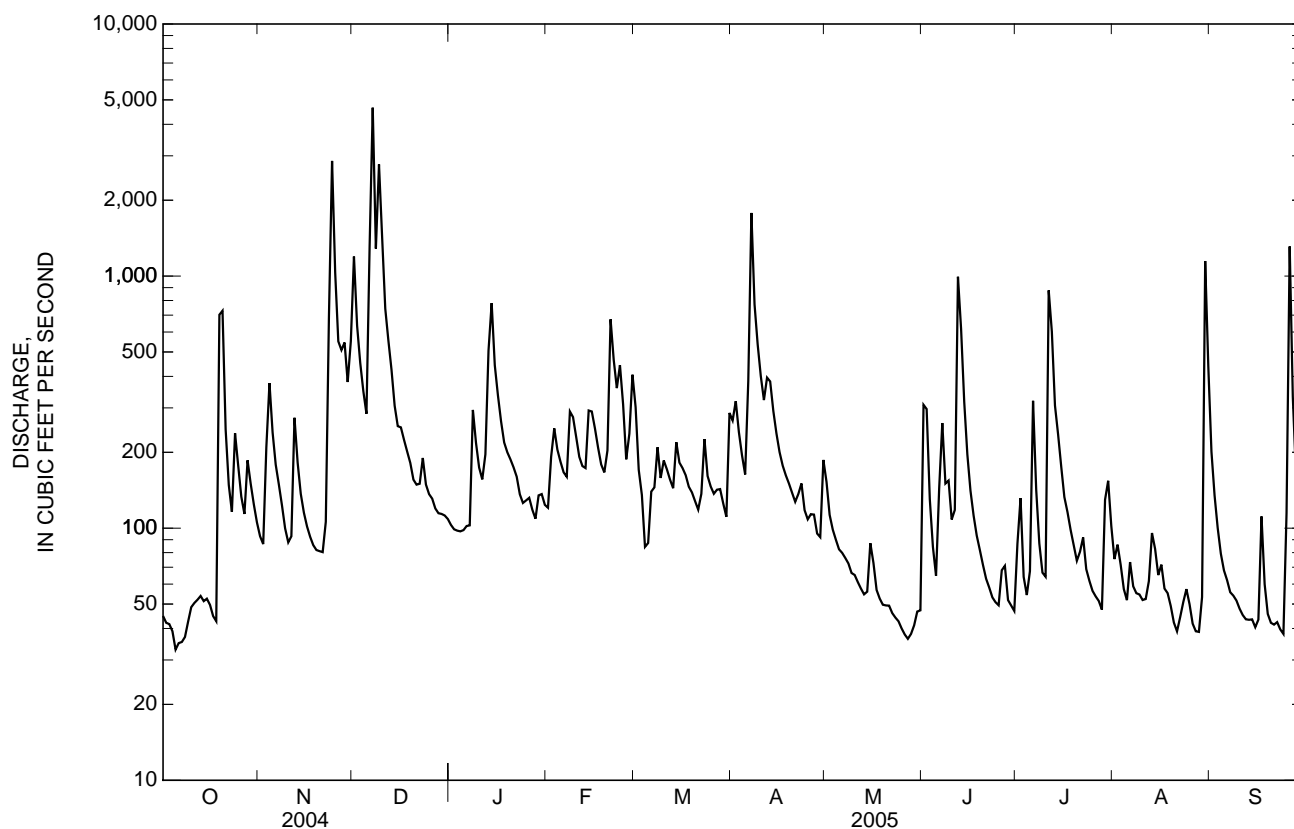
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	92.3	158	260	335	352	310	282	214	165	104	67.0	67.4
MAX	254	339	618	741	673	424	588	685	650	166	156	131
(WY)	(2002)	(2005)	(2005)	(1999)	(2003)	(1994)	(2001)	(2003)	(1997)	(2004)	(2003)	(2001)
MIN	17.1	50.2	69.1	98.7	91.1	160	122	60.0	58.4	24.4	20.9	15.6
(WY)	(2001)	(2000)	(2000)	(1981)	(2000)	(2005)	(2004)	(2000)	(1981)	(2000)	(2000)	(2000)

02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRING, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	81,138		79,048		200	
ANNUAL MEAN	222		217		294	
HIGHEST ANNUAL MEAN					110	
LOWEST ANNUAL MEAN					9,830	
HIGHEST DAILY MEAN	4,660	Dec 7	4,660	Dec 7	8.9	Jan 23, 1999
LOWEST DAILY MEAN	32	Sep 11	33	Oct 5	9.5	Sep 4, 2000
ANNUAL SEVEN-DAY MINIMUM	35	Sep 7	38	Oct 2	11,500	Aug 20, 2000
MAXIMUM PEAK FLOW			5,690	Dec 7	17.74	Jan 23, 1999
MAXIMUM PEAK STAGE			11.43	Dec 7	1.98	
ANNUAL RUNOFF (CFSM)	2.19		2.14		26.88	
ANNUAL RUNOFF (INCHES)	29.88		29.11		407	
10 PERCENT EXCEEDS	489		414		106	
50 PERCENT EXCEEDS	120		124		33	
90 PERCENT EXCEEDS	45		46			

e Estimated



02453000 BLACKWATER CREEK NEAR MANCHESTER, AL

LOCATION.--Lat 33°54'30", long 87°15'25", in SE ¼ sec. 15, T. 13 S., R. 7 W., Walker County, Hydrologic Unit 03160109, on right bank 100 ft downstream from State Highway 257, 0.2 mi downstream from small unnamed tributary, 2 mi east of Manchester, and 5.5 mi north of Jasper.

DRAINAGE AREA.--181 mi².

PERIOD OF RECORD.--October 1938 to September 1971, October 1979 to September 1982, October 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 401.04 ft above NGVD of 1929. Prior to Dec. 13, 1938, nonrecording gage at present site and datum.

REMARKS.--No estimated daily discharges. Records good. Possible regulation during periods of low flow at mill dam 2 mi upstream from station. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 9	1445	*5,900	*9.83	Jun 12	0645	3,100	7.15
Apr 7	0645	2,850	6.88	Jul 14	2000	3,470	7.53

Minimum discharge, 19 ft³/s, Sept. 24, gage height, 2.24 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

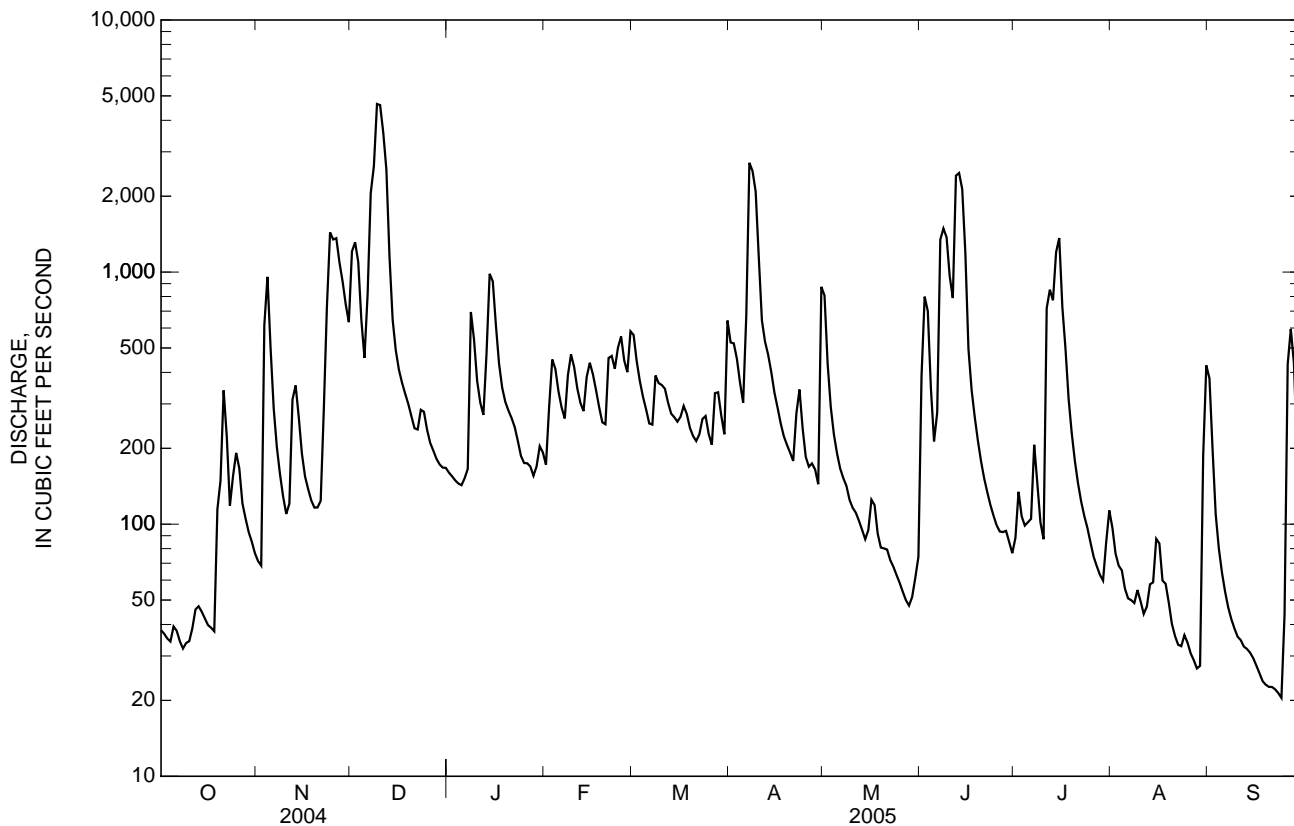
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	71	1,210	160	172	563	526	807	386	88	97	379
2	37	68	1,310	155	292	442	521	433	799	134	76	198
3	35	616	1,100	149	450	369	453	291	700	107	68	110
4	34	957	647	145	413	320	365	227	345	99	66	80
5	39	498	457	143	335	285	303	191	213	102	55	64
6	38	287	816	152	290	251	672	166	277	105	51	54
7	34	202	2,060	166	263	248	2,710	152	1,350	207	50	47
8	32	158	2,630	695	390	389	2,520	142	1,490	145	49	42
9	34	129	4,640	541	471	363	2,090	125	1,370	101	55	39
10	34	110	4,600	370	420	356	1,140	116	964	87	49	36
11	39	121	3,580	303	346	345	642	111	789	720	44	35
12	46	312	2,550	271	303	304	529	103	2,410	852	47	33
13	47	355	1,150	475	281	275	470	95	2,470	773	58	32
14	45	266	647	984	383	266	401	87	2,130	1,200	59	31
15	42	190	490	919	437	255	333	95	1,190	1,360	87	29
16	40	155	410	613	393	267	290	125	494	727	84	27
17	39	138	364	433	340	294	251	119	341	497	60	26
18	38	124	329	348	291	273	223	92	266	314	58	24
19	115	116	300	306	253	241	206	81	215	230	49	23
20	149	116	268	282	249	224	192	80	178	178	40	23
21	339	124	240	264	456	214	178	79	152	145	36	23
22	223	284	237	243	465	227	274	72	134	123	33	22
23	118	730	284	214	414	261	342	68	119	108	33	21
24	155	1,440	279	187	501	269	241	63	108	97	36	20
25	192	1,350	237	175	555	228	185	59	99	84	34	44
26	167	1,360	210	174	446	207	169	54	94	74	31	431
27	121	1,090	196	169	401	331	174	50	93	68	29	595
28	105	919	182	156	582	333	165	48	94	63	27	435
29	93	746	173	170	---	270	144	51	85	60	27	190
30	85	633	168	204	---	227	874	61	77	85	187	115
31	77	---	167	193	---	642	---	74	---	113	426	---
TOTAL	2,630	13,665	31,931	9,759	10,592	9,539	17,583	4,317	19,432	9,046	2,101	3,228
MEAN	84.8	456	1,030	315	378	308	586	139	648	292	67.8	108
MAX	339	1,440	4,640	984	582	642	2,710	807	2,470	1,360	426	595
MIN	32	68	167	143	172	207	144	48	77	60	27	20
CFSM	0.47	2.52	5.69	1.74	2.09	1.70	3.24	0.77	3.58	1.61	0.37	0.59
IN.	0.54	2.81	6.56	2.01	2.18	1.96	3.61	0.89	3.99	1.86	0.43	0.66

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	66.7	186	370	604	754	713	551	293	160	128	68.0	74.7
MAX	368	1,424	1,428	1,638	1,886	2,005	1,902	1,581	1,212	961	231	451
(WY)	(2003)	(1958)	(1968)	(1949)	(1961)	(1980)	(1964)	(1991)	(1997)	(1940)	(1939)	(2001)
MIN	2.18	9.66	21.3	31.1	156	272	122	42.1	15.8	11.3	12.1	4.90
(WY)	(1964)	(1954)	(1966)	(1956)	(1968)	(1954)	(1967)	(1941)	(1941)	(1954)	(1995)	(2000)

02453000 BLACKWATER CREEK NEAR MANCHESTER, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	153,918		133,823		328	
ANNUAL MEAN	421		367		578	
HIGHEST ANNUAL MEAN					141	
LOWEST ANNUAL MEAN					1991	
HIGHEST DAILY MEAN	4,760	Feb 8	4,640	Dec 9	10,400	Feb 23, 1961
LOWEST DAILY MEAN	30	Sep 15	20	Sep 24	1.3	Oct 25, 1938
ANNUAL SEVEN-DAY MINIMUM	34	Sep 9	22	Sep 18	1.7	Oct 20, 1963
MAXIMUM PEAK FLOW			5,900	Dec 9	10,600	Feb 23, 1961
MAXIMUM PEAK STAGE			9.83	Dec 9	13.10	Feb 23, 1961
ANNUAL RUNOFF (CFSM)	2.32		2.03		1.81	
ANNUAL RUNOFF (INCHES)	31.63		27.50		24.65	
10 PERCENT EXCEEDS	984		802		837	
50 PERCENT EXCEEDS	190		196		116	
90 PERCENT EXCEEDS	46		39		16	



02453500 MULBERRY FORK AT CORDOVA, AL

LOCATION.--Lat 33°45'27", long 87°10'13", in NW ¼ sec. 9, T. 15 S., R. 6 W., Walker County, Hydrologic Unit 03160109, on right bank at downstream side of abutment of St. Louis and San Francisco Railroad bridge, just downstream from Cane Creek, 0.1 mi east of Cordova, and at mile 30.8.

DRAINAGE AREA.--1,916 mi².

PERIOD OF RECORD.--January 1890 to June 1897 fragmentary gage-height records collected by National Weather Service. June 1900 to December 1913 monthly discharge published in WSP 1304. January 1914 to December 1923 and August 1937 to September 1971 in files of U.S. Army Corps of Engineers. October 1971 to current year (gage heights only).

REVISED RECORDS.--WDR AL-82-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 243.60 ft above NGVD of 1929. August 1937 to September 1961, nonrecording gage at present site and datum. Prior to August 1937, nonrecording gage at 8.2 ft lower datum.

REMARKS.--Records good. Gage height affected by Lewis Smith Reservoir on Sipsey Fork (02451950) and Bankhead Lock and Dam (02462500) on Black Warrior River.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 39.80 ft, March 30, 1951, maximum gage height (since 1961) 24.27 ft, Feb. 17, 1990; minimum, -9.35 ft, several days in October 1909 (present datum); maximum stage known, 46.5 ft (present datum), April 1892 (information by National Weather Service).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.71 ft, Dec. 9; minimum gage height, 9.94 ft, Aug. 29.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.87	11.21	12.88	11.61	11.20	11.86	12.25	11.43	11.63	11.08	11.35	11.53
2	10.93	11.27	12.17	11.31	11.32	11.62	11.81	11.06	11.34	10.95	11.35	11.37
3	11.21	11.57	11.97	11.54	11.40	11.52	11.64	10.98	11.18	10.84	11.34	11.10
4	11.31	12.58	12.35	11.85	11.33	11.71	11.48	10.90	11.31	10.98	11.36	11.00
5	11.11	11.76	12.15	11.84	11.32	11.37	11.47	10.93	11.28	11.15	11.18	11.09
6	10.98	11.29	---	11.99	11.27	11.07	11.60	10.80	11.21	11.02	11.14	11.10
7	11.07	11.37	13.97	11.84	11.38	11.23	14.42	11.08	11.60	11.00	11.27	11.03
8	11.11	11.48	14.85	11.63	11.44	10.94	14.09	11.14	11.02	11.27	11.29	11.01
9	10.98	11.23	16.01	11.54	11.31	11.14	13.11	11.30	11.60	11.41	11.33	11.03
10	10.82	10.68	17.25	11.71	11.21	11.35	12.90	11.63	11.72	10.73	11.35	10.99
11	10.99	10.80	14.85	12.06	11.75	11.40	12.71	11.35	11.04	11.53	11.40	11.01
12	10.90	11.07	13.89	12.28	11.42	11.51	12.53	11.09	12.56	11.18	11.37	10.96
13	11.06	11.31	13.84	---	11.06	11.40	12.24	10.80	12.05	11.44	11.13	10.80
14	---	11.22	---	11.52	11.09	11.23	12.34	---	11.56	11.88	11.12	10.84
15	11.23	11.28	12.42	11.06	---	10.90	12.23	10.96	11.36	12.62	11.34	10.78
16	10.55	11.37	13.24	11.18	11.36	10.85	12.14	---	11.61	11.70	11.36	10.75
17	10.60	11.30	13.04	11.58	11.45	11.28	11.65	---	11.50	11.36	---	10.71
18	10.77	11.39	13.02	11.93	11.38	---	11.42	10.62	11.20	11.32	11.25	10.78
19	10.92	11.30	12.97	11.97	11.02	11.21	11.42	---	11.22	11.35	---	10.86
20	11.60	11.43	12.29	11.79	10.88	11.28	11.40	---	11.46	11.53	11.34	10.86
21	10.99	11.37	12.13	11.79	10.94	---	11.48	---	11.42	11.37	11.27	10.81
22	11.03	12.16	12.72	11.42	11.54	11.05	11.53	11.26	11.46	11.42	11.22	10.83
23	10.99	12.83	12.76	11.37	11.15	11.47	11.35	11.48	11.44	11.33	11.11	10.91
24	11.23	14.68	11.95	11.63	10.90	11.29	11.19	11.26	11.36	11.15	11.08	10.89
25	11.29	14.76	11.89	11.79	11.22	11.00	10.96	11.16	11.26	11.12	---	11.00
26	11.12	12.36	12.19	11.59	11.23	10.98	10.97	11.20	11.20	10.95	11.14	11.55
27	11.12	11.86	12.49	11.45	---	10.77	11.11	---	11.11	11.05	10.90	11.59
28	---	12.02	12.28	11.57	---	11.15	11.41	---	11.10	11.36	10.78	11.28
29	11.46	11.81	12.13	11.70	---	10.96	11.35	---	---	11.33	10.46	11.14
30	11.21	11.53	12.07	11.24	---	11.27	11.29	11.18	11.14	11.16	10.84	11.00
31	11.14	---	11.89	11.10	---	12.63	---	11.15	---	11.29	11.36	---
MEAN	---	11.74	---	---	---	---	11.92	---	---	11.29	---	11.02
MAX	---	14.76	---	---	---	---	14.42	---	---	12.62	---	11.59
MIN	---	10.68	---	---	---	---	10.96	---	---	10.73	---	10.71

02454055 LOST CREEK ABOVE PARRISH, AL

LOCATION.--Lat 33°44'30", long 87°19'37", in NE 1/4 sec. 13, T. 15 S., R. 8 W., Walker County, Hydrologic Unit 03160109, on downstream side of bridge on Browns Bridge Road, 1 mi north of County Road 20 (East), 3 mi northwest of Parrish, 3.4 mi west of Oakman, and 16.8 mi above mouth.

DRAINAGE AREA.--143 mi².

PERIOD OF RECORD.--October 1992 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 280 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Jan. 22-25. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 8	0345	3,090	16.43	Jun 7	0900	3,460	17.47
Dec 10	1200	*5,170	*21.30	Jun 12	1230	4,530	20.06
Apr 7	1830	4,850	20.69				

Minimum discharge, 20 ft³/s, Oct. 8, 18, 19, gage height, 4.89 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31	41	1,620	125	127	506	707	924	879	97	125	180
2	30	39	853	121	275	370	520	369	1,610	111	108	121
3	29	233	491	116	520	301	391	250	439	96	101	96
4	28	977	371	112	369	258	297	194	245	158	89	81
5	27	354	302	112	279	227	242	164	174	145	84	72
6	28	185	536	114	229	201	554	145	511	110	86	66
7	26	136	2,400	122	202	201	4,510	132	2,550	117	92	62
8	21	111	2,230	651	430	369	2,690	121	573	106	85	60
9	25	92	2,800	500	501	323	826	111	495	95	104	57
10	30	79	4,830	322	394	312	550	104	344	102	87	54
11	29	83	1,600	254	300	299	430	99	832	1,200	83	51
12	28	255	704	219	249	253	403	93	3,770	807	79	49
13	26	324	520	406	224	230	376	87	3,070	432	97	46
14	25	187	415	1,370	314	225	300	80	778	616	136	44
15	24	139	346	574	340	212	253	79	483	1,300	96	42
16	23	115	302	395	272	221	219	81	360	582	86	41
17	22	102	271	306	234	260	195	77	281	392	78	41
18	21	92	245	249	199	257	176	70	232	264	217	38
19	21	86	225	221	178	226	163	67	202	204	114	36
20	72	86	202	207	173	207	151	69	178	171	95	34
21	42	102	187	193	371	194	142	75	161	150	81	33
22	34	1,010	184	e176	395	204	142	67	151	137	74	31
23	32	1,880	211	e165	290	257	239	63	139	131	125	30
24	64	2,220	204	e153	433	228	164	61	131	117	94	29
25	82	1,370	176	e142	423	196	134	57	123	107	79	35
26	63	522	165	131	317	179	130	54	120	109	70	1,010
27	50	459	154	125	281	208	134	52	113	103	65	368
28	52	827	144	115	621	301	122	51	108	98	60	143
29	52	487	140	124	---	228	110	66	102	104	61	102
30	46	421	136	155	---	190	1,000	64	98	337	850	85
31	43	---	132	140	---	1,030	---	59	---	177	457	---
TOTAL	1,126	13,014	23,096	8,115	8,940	8,673	16,270	3,985	19,252	8,675	4,058	3,137
MEAN	36.3	434	745	262	319	280	542	129	642	280	131	105
MAX	82	2,220	4,830	1,370	621	1,030	4,510	924	3,770	1,300	850	1,010
MIN	21	39	132	112	127	179	110	51	98	95	60	29
CFSM	0.25	3.03	5.21	1.83	2.23	1.96	3.79	0.90	4.49	1.96	0.92	0.73
IN.	0.29	3.39	6.01	2.11	2.33	2.26	4.23	1.04	5.01	2.26	1.06	0.82

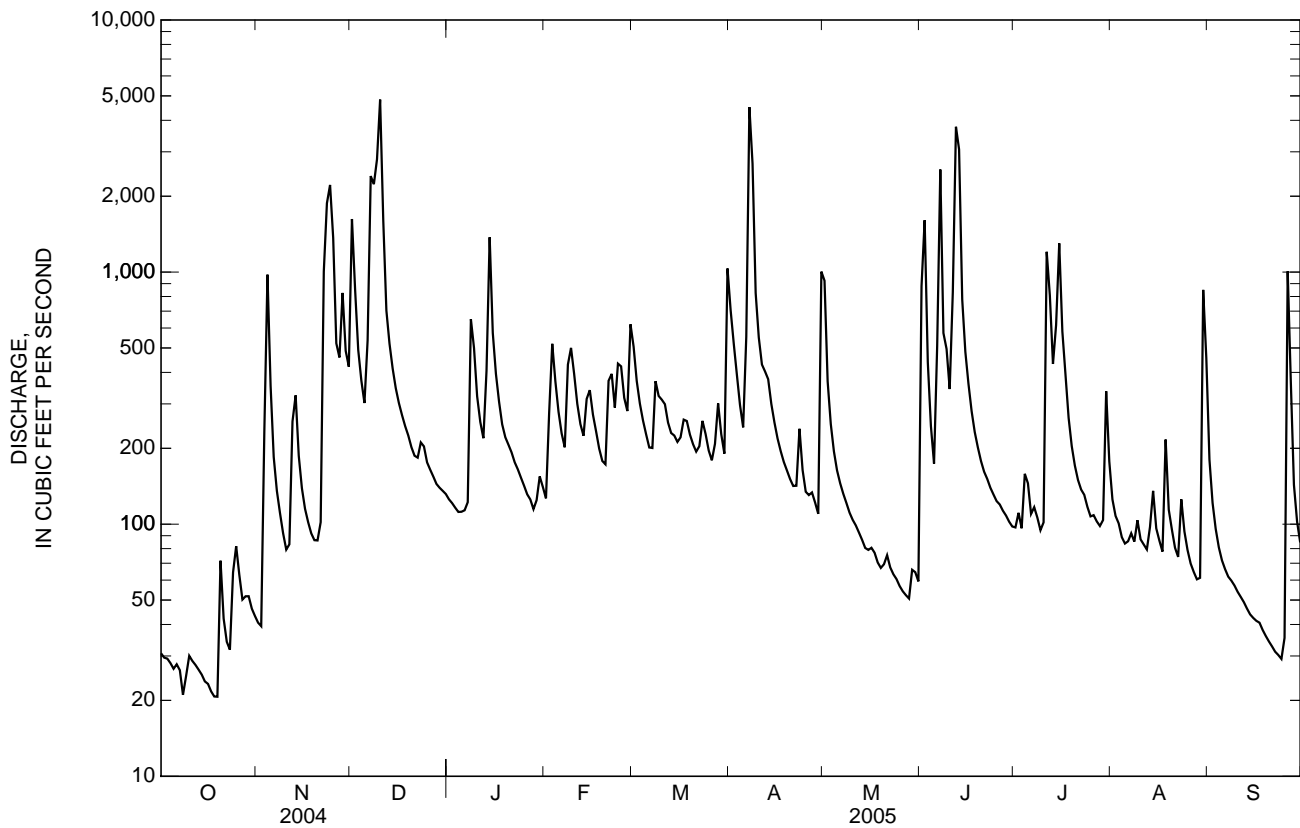
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2005, BY WATER YEAR (WY)

MEAN	95.0	210	368	537	561	577	380	312	216	118	60.1	79.8
MAX	298	516	782	1,017	1,097	1,140	735	1,486	829	280	131	310
(WY)	(2002)	(2003)	(2002)	(1998)	(2004)	(1994)	(2000)	(2003)	(1997)	(2005)	(2005)	(2001)
MIN	7.53	29.8	27.0	229	148	280	118	52.4	22.6	11.0	19.0	7.02
(WY)	(2001)	(2000)	(2000)	(2000)	(2000)	(2005)	(1997)	(2000)	(2000)	(2000)	(1999)	(2000)

02454055 LOST CREEK ABOVE PARRISH, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1993 - 2005	
ANNUAL TOTAL	119,016		118,341		292	
ANNUAL MEAN	325		324		455	
HIGHEST ANNUAL MEAN					175	
LOWEST ANNUAL MEAN					9,170	
HIGHEST DAILY MEAN	7,650	Feb 7	4,830	Dec 10	10,600	Mar 29, 1994
LOWEST DAILY MEAN	21	Sep 15	21	Oct 8	3.3	Oct 1, 2000
ANNUAL SEVEN-DAY MINIMUM	23	Oct 13	23	Oct 13	4.1	Sep 29, 2000
MAXIMUM PEAK FLOW			5,170	Dec 10	29.48	Mar 28, 1994
MAXIMUM PEAK STAGE			21.30	Dec 10	2.04	
ANNUAL RUNOFF (CFSM)	2.27		2.27		27.71	
ANNUAL RUNOFF (INCHES)	30.96		30.79		606	
10 PERCENT EXCEEDS	682		618		125	
50 PERCENT EXCEEDS	129		158		21	
90 PERCENT EXCEEDS	30		44			

e Estimated



02455000 LOCUST FORK NEAR CLEVELAND, AL

LOCATION.--Lat 34°01'28", long 86°34'27", in NE ¼ sec. 6, T. 12 S., R. 1 E., Blount County, Hydrologic Unit 03160111, on left bank 200 ft upstream from bridge on U.S. Highway 231, 2.5 mi downstream from Graves Creek, 3 mi north of Cleveland, and at mile 98.6.

DRAINAGE AREA.--303 mi².

PERIOD OF RECORD.--December 1936 to September 1986, October 1986 to September 1992 (flood hydrograph), October 1992 to current year.

REVISED RECORDS.--WSP 1112: 1943(M). WSP 1304: 1939(M), 1941(M). WDR AL-79-2: Drainage area. WDR AL-01-1: 2000.

GAGE.--Water-stage recorder. Datum of gage is 536.94 ft above NGVD of 1929 (U.S. Army Corps of Engineers benchmark). Prior to Apr. 19, 1940, nonrecording gage at present site and datum. Apr. 20, 1940 to Apr. 11, 1945, nonrecording gage and April 12, 1945 to Sept. 30, 1972, water-stage recorder at site 200 ft downstream at same datum.

REMARKS.--Estimated discharge: Nov. 6-9, Feb. 27, 28, July 20, Aug. 10. Records fair except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 4	0930	10,900	11.46	Dec 9	1815	9,350	10.67
Nov 24	1700	*14,600	*13.06				

Minimum discharge, 15 ft³/s, Sept. 25, gage height, 0.97 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	116	245	2,920	357	250	1,210	4,030	672	97	68	233	43
2	106	245	1,830	328	350	890	3,100	342	266	72	227	42
3	99	1,760	1,360	308	625	750	1,930	251	219	65	165	36
4	92	8,760	1,080	291	531	646	1,340	211	145	327	126	32
5	85	3,540	909	286	446	573	1,020	183	113	1,080	105	29
6	77	e1,570	2,140	292	399	519	852	167	102	549	92	27
7	73	e979	3,680	321	363	516	2,850	156	349	1,260	82	24
8	69	e775	3,000	389	380	1,060	3,050	143	362	842	77	22
9	69	e671	5,390	375	439	835	1,870	128	679	443	80	21
10	71	623	3,850	318	520	697	1,300	118	360	330	e99	20
11	72	909	2,200	297	439	628	1,010	110	279	1,180	109	20
12	72	2,070	1,590	290	389	560	890	102	371	1,280	81	20
13	74	1,660	1,250	333	372	502	812	95	386	943	103	20
14	115	1,160	993	1,180	447	570	703	88	298	801	127	19
15	90	885	838	854	588	576	588	81	224	677	87	19
16	77	747	748	657	495	534	508	77	177	490	71	18
17	69	655	667	549	443	614	440	72	143	483	60	17
18	64	582	600	478	389	592	388	67	116	447	57	19
19	963	537	542	438	353	517	357	66	97	358	53	19
20	2,780	531	480	415	362	483	315	91	86	e340	50	19
21	990	507	440	389	1,870	441	271	382	264	294	42	19
22	611	1,070	440	359	1,450	499	267	186	133	257	42	19
23	478	4,430	957	318	1,020	1,450	274	113	102	217	39	18
24	501	12,000	942	278	1,070	1,550	241	89	83	170	45	17
25	482	7,480	693	267	882	955	204	77	74	136	35	16
26	381	2,840	601	267	734	712	194	67	78	116	34	41
27	324	2,220	523	253	e919	667	244	62	76	141	32	42
28	302	2,500	471	229	e1,380	1,320	240	59	72	204	31	44
29	328	1,700	437	240	---	1,060	190	59	75	449	30	36
30	295	1,370	406	278	---	789	461	59	71	525	40	28
31	268	---	380	276	---	3,150	---	57	---	251	41	---
TOTAL	10,193	65,021	42,357	11,910	17,905	25,865	29,939	4,430	5,897	14,795	2,495	766
MEAN	329	2,167	1,366	384	639	834	998	143	197	477	80.5	25.5
MAX	2,780	12,000	5,390	1,180	1,870	3,150	4,030	672	679	1,280	233	44
MIN	64	245	380	229	250	441	190	57	71	65	30	16
CFSM	1.09	7.15	4.51	1.27	2.11	2.75	3.29	0.47	0.65	1.58	0.27	0.08
IN.	1.25	7.98	5.20	1.46	2.20	3.18	3.68	0.54	0.72	1.82	0.31	0.09

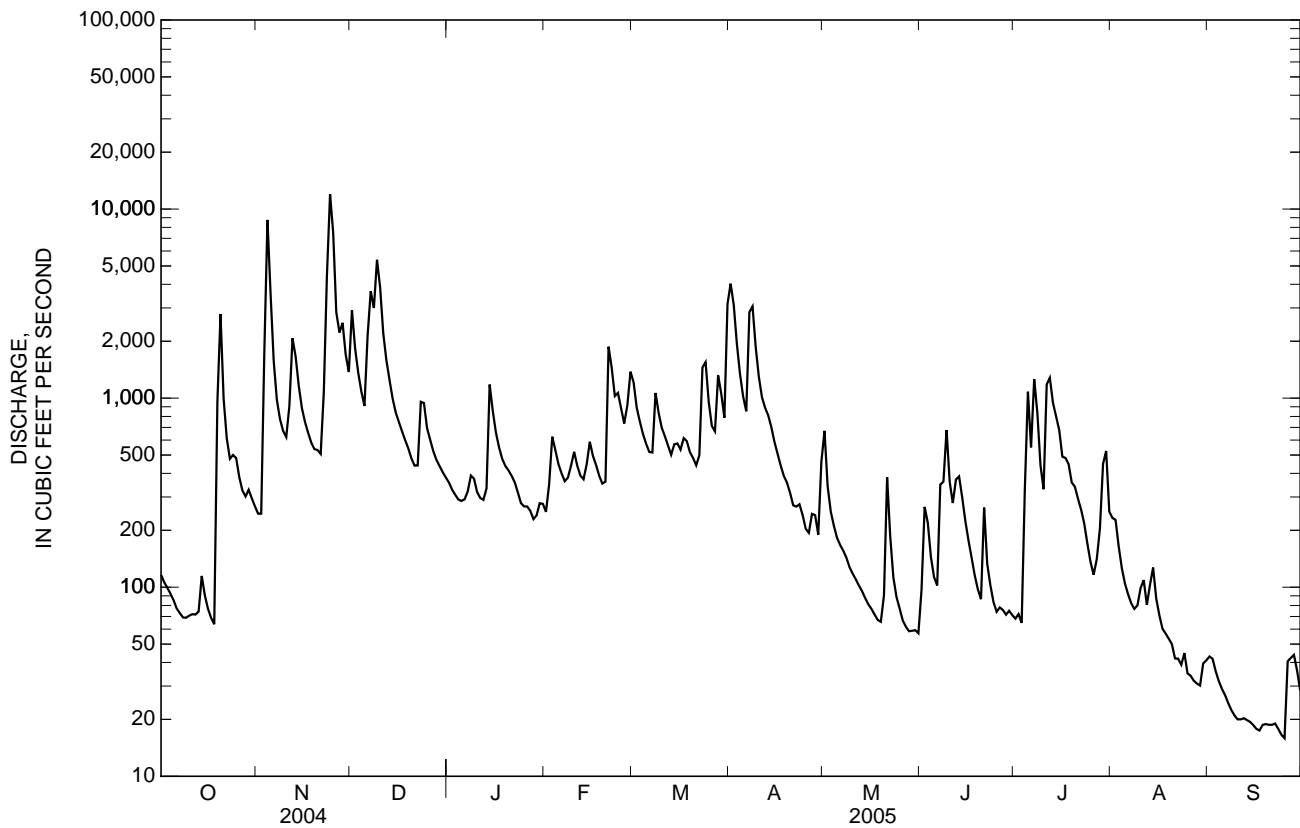
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

	141	319	638	1,050	1,158	1,177	873	417	191	185	108	108
MAX	1,176	2,167	2,448	3,158	3,162	3,508	2,949	1,622	1,706	795	1,030	574
(WY)	(1996)	(2005)	(1943)	(1947)	(1961)	(1980)	(1964)	(1983)	(1997)	(1967)	(1941)	(2004)
MIN	5.31	8.96	19.5	62.7	218	361	105	60.0	19.0	13.8	10.4	5.04
(WY)	(1955)	(1955)	(1966)	(1956)	(2000)	(1941)	(1986)	(1942)	(1941)	(1960)	(1954)	(1954)

02455000 LOCUST FORK NEAR CLEVELAND, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1937 - 2005	
ANNUAL TOTAL	246,494		231,573		526	
ANNUAL MEAN	673		634		873	
HIGHEST ANNUAL MEAN					237	
LOWEST ANNUAL MEAN					1949	
HIGHEST DAILY MEAN	12,000	Nov 24	12,000	Nov 24	33,900	Dec 28, 1942
LOWEST DAILY MEAN	32	Aug 19	16	Sep 25	2.3	Sep 15, 1954
ANNUAL SEVEN-DAY MINIMUM	39	May 24	18	Sep 19	2.8	Sep 10, 1954
MAXIMUM PEAK FLOW			14,600	Nov 24	47,000	Dec 28, 1942
MAXIMUM PEAK STAGE			13.06	Nov 24	19.20	Dec 28, 1942
ANNUAL RUNOFF (CFSM)	2.22		2.09		1.73	
ANNUAL RUNOFF (INCHES)	30.26		28.43		23.57	
10 PERCENT EXCEEDS	1,580		1,360		1,260	
50 PERCENT EXCEEDS	274		340		188	
90 PERCENT EXCEEDS	52		42		17	

e Estimated



02455900 LOCUST FORK AT WARRIOR, AL

LOCATION.--Lat 33°48'30", long 86°48'04", in NE ¼ sec. 24, T. 14 S., R. 3 W., Jefferson County, Hydrologic Unit 0316011, on left bank 15 ft downstream from bridge on county road at Warrior, 3.3 mi upstream from Turkey Creek, and at mile 59.6.

DRAINAGE AREA.--707 mi².

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 305 ft above NGVD of 1929 from topographic map.

REMARKS.--Estimated daily discharge: Oct. 1, Feb. 27. Records good. Diversion above station subsequent to 1938 from Inland Reservoir, usable capacity, 60,000 acre-ft on Blackburn Fork for industrial water supply for City of Birmingham. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 13,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 4	2145	13,700	26.44	Apr 1	0230	13,200	25.86
Nov 25	0700	*32,300	*40.72				

Minimum discharge, 59 ft³/s, Sept. 25, gage height, 2.46 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e196	449	5,610	782	513	3,450	11,600	1,860	458	125	513	135
2	194	455	4,990	727	713	2,460	8,180	1,170	595	117	465	111
3	184	2,040	3,660	662	1,370	1,950	5,590	813	896	114	403	104
4	174	11,600	2,820	613	1,340	1,650	4,100	625	569	120	305	97
5	161	9,390	2,290	573	1,120	1,430	3,010	513	373	1,260	251	90
6	152	4,480	3,210	578	981	1,260	2,410	445	313	1,080	220	85
7	142	2,890	7,060	616	887	1,170	5,090	404	376	1,820	200	80
8	137	2,050	7,250	690	937	2,000	6,230	376	643	2,110	187	76
9	138	1,570	7,170	774	1,060	2,280	4,940	347	856	1,090	234	74
10	139	1,280	9,220	655	1,250	1,820	3,550	319	919	738	223	71
11	139	1,530	5,490	578	1,190	1,610	2,700	296	614	1,650	701	69
12	140	3,760	4,160	547	1,040	1,400	2,250	277	643	2,780	300	67
13	145	3,870	3,150	598	965	1,260	2,000	257	804	2,130	215	66
14	141	2,670	2,460	1,620	1,080	2,070	1,680	240	700	2,820	243	65
15	172	1,940	2,000	2,020	1,280	2,060	1,430	233	506	3,350	277	65
16	157	1,550	1,740	1,560	1,250	1,820	1,230	223	388	1,850	214	64
17	140	1,340	1,550	1,330	1,120	1,720	1,070	210	308	1,340	173	65
18	130	1,180	1,390	1,110	995	1,640	942	196	263	1,290	162	64
19	2,020	1,070	1,270	981	876	1,450	838	184	231	1,230	160	63
20	5,730	1,010	1,140	910	831	1,300	751	201	201	1,010	145	66
21	2,610	1,200	1,010	850	1,850	1,200	670	632	187	994	131	66
22	1,420	4,290	982	791	3,100	1,400	655	672	346	866	125	64
23	1,070	8,690	1,570	707	2,200	4,960	709	340	227	703	116	63
24	1,160	21,400	2,290	600	2,520	4,460	626	252	190	531	118	62
25	1,150	29,300	1,720	536	2,330	3,160	519	211	175	387	112	61
26	916	11,500	1,430	522	1,850	2,190	500	184	153	314	108	82
27	742	5,400	1,240	502	e2,000	1,990	612	166	145	304	100	133
28	623	5,940	1,090	455	3,640	2,430	578	157	143	1,210	96	129
29	579	4,640	988	475	---	3,000	490	166	133	950	94	94
30	594	3,650	911	554	---	2,180	1,310	181	130	1,120	108	86
31	505	---	846	564	---	9,040	---	181	---	791	129	---
TOTAL	21,900	152,134	91,707	24,480	40,288	71,810	76,260	12,331	12,485	36,194	6,828	2,417
MEAN	706	5,071	2,958	790	1,439	2,316	2,542	398	416	1,168	220	80.6
MAX	5,730	29,300	9,220	2,020	3,640	9,040	11,600	1,860	919	3,350	701	135
MIN	130	449	846	455	513	1,170	490	157	130	114	94	61
CFSM	1.00	7.17	4.18	1.12	2.04	3.28	3.60	0.56	0.59	1.65	0.31	0.11
IN.	1.15	8.00	4.83	1.29	2.12	3.78	4.01	0.65	0.66	1.90	0.36	0.13

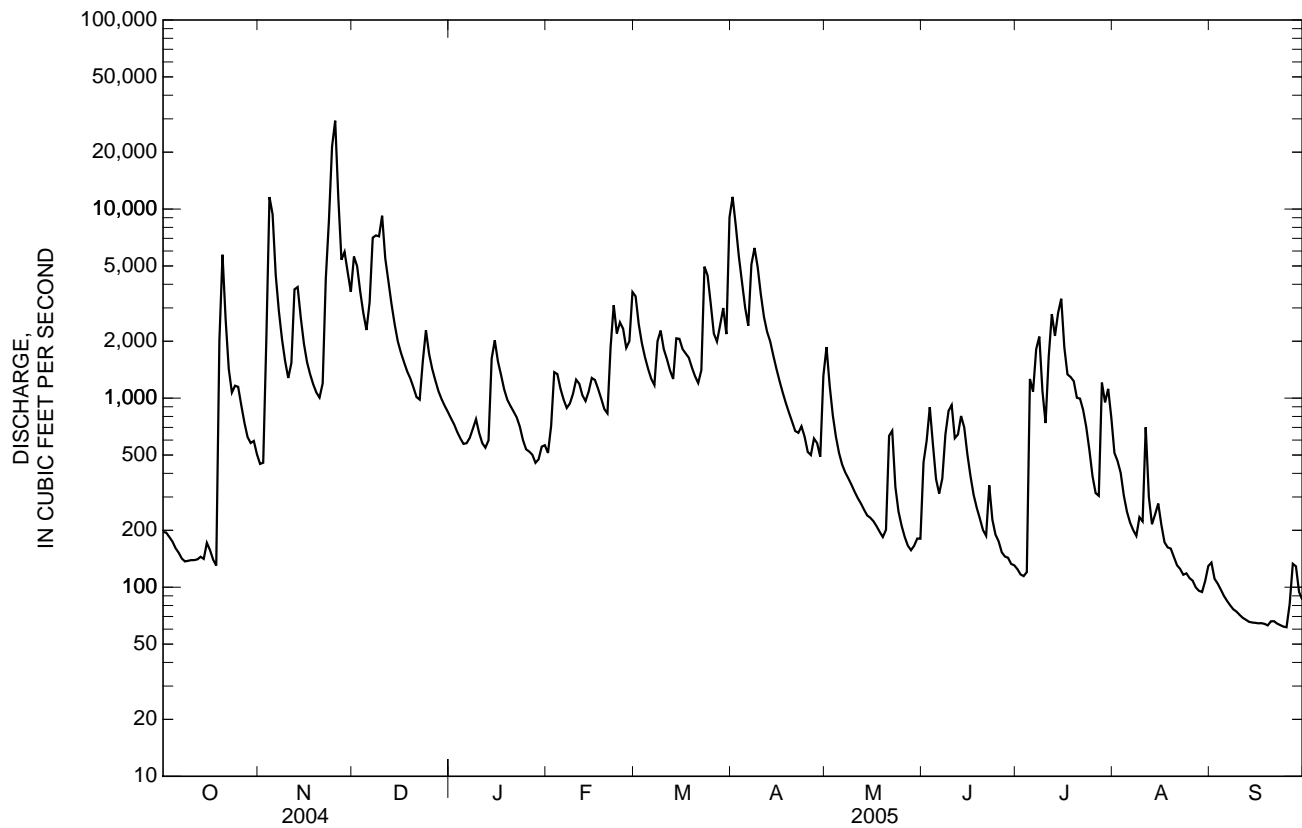
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	429	1,806	1,959	1,302	2,340	2,192	1,418	1,767	600	673	167	369
MAX	712	5,071	2,958	2,332	3,243	3,159	2,542	4,923	1,021	1,168	220	994
(WY)	(2003)	(2005)	(2005)	(2002)	(2004)	(2003)	(2005)	(2003)	(2003)	(2005)	(2005)	(2004)
MIN	56.8	110	306	790	1,439	1,533	488	331	199	178	98.0	80.6
(WY)	(2004)	(2004)	(2004)	(2005)	(2005)	(2004)	(2004)	(2004)	(2002)	(2002)	(2002)	(2005)

02455900 LOCUST FORK AT WARRIOR, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	542,420		548,834		1,246	
ANNUAL MEAN	1,482		1,504		1,705	
HIGHEST ANNUAL MEAN					796	
LOWEST ANNUAL MEAN					29,300	
HIGHEST DAILY MEAN	29,300	Nov 25	29,300	Nov 25	29,300	Nov 25, 2004
LOWEST DAILY MEAN	95	Aug 20	61	Sep 25	47	Sep 14, 2002
ANNUAL SEVEN-DAY MINIMUM	104	Aug 14	64	Sep 19	48	Sep 9, 2002
MAXIMUM PEAK FLOW			32,300	Nov 25	32,300	Nov 25, 2004
MAXIMUM PEAK STAGE			40.72	Nov 25	40.72	Nov 25, 2004
ANNUAL RUNOFF (CFSM)	2.10		2.13		1.76	
ANNUAL RUNOFF (INCHES)	28.54		28.88		23.94	
10 PERCENT EXCEEDS	3,540		3,490		2,850	
50 PERCENT EXCEEDS	551		774		547	
90 PERCENT EXCEEDS	142		118		104	

e Estimated



02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL

LOCATION.--Lat 33°42'40", long 86°41'46", in SW ¼ sec. 24, T. 15 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, near left bank on downstream side of foot bridge, 400 ft upstream from Turkey Creek Wastewater Treatment Plant effluent, 1.8 mi northwest of Pinson, and 7 mi southeast of Morris.

DRAINAGE AREA.--27.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1988 to current year. June 1979 to June 1988 in files of Barton Laboratory, Jefferson County Commission.

REVISED RECORD.--WDR AL-00-1: 1990, 1993, 1996-98, 1989-99 (M).

GAGE.--Water-stage recorder. Datum of gage is 501.69 ft above NGVD of 1929 (levels by Jefferson County Engineering Department).

REMARKS.--Estimated daily discharge: Feb. 27, 28. Water-discharge records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1600	2,070	8.60	Mar 31	0700	2,020	8.52
Nov 24	0845	*3,930	*10.87	Apr 30	0615	1,680	8.00
Dec 7	0830	1,690	8.02	Jul 14	1930	1,640	7.95

Minimum discharge, 13 ft³/s, on several days, gage height, 4.31 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	22	107	35	33	63	538	82	101	22	31	19
2	21	22	70	34	40	57	302	59	122	23	30	18
3	20	72	60	34	39	54	177	52	63	22	28	17
4	20	85	54	33	36	51	134	49	41	21	26	17
5	19	45	51	33	35	48	101	46	37	21	26	16
6	18	39	57	34	35	43	114	42	51	26	26	16
7	17	36	286	33	36	80	172	40	38	35	28	16
8	17	34	111	35	39	104	126	39	35	25	27	16
9	19	30	189	33	40	70	97	38	33	28	25	15
10	19	28	122	32	40	67	84	37	33	53	33	15
11	19	100	93	32	39	62	75	36	34	156	29	15
12	18	76	68	32	39	58	73	35	41	48	25	15
13	17	54	57	42	40	58	66	34	37	104	25	14
14	16	43	49	45	52	92	62	34	34	214	26	15
15	15	40	45	40	46	63	56	36	32	90	24	15
16	16	37	43	38	44	63	51	34	31	49	23	15
17	15	36	41	37	43	59	49	33	30	40	22	15
18	16	34	40	36	41	54	47	32	29	115	21	15
19	112	34	39	36	40	50	45	32	28	128	21	14
20	52	33	37	35	41	47	44	34	27	92	21	14
21	35	233	37	35	50	46	44	33	28	96	21	14
22	28	748	40	35	44	91	51	32	26	51	20	14
23	26	592	95	33	51	106	45	31	25	42	20	14
24	43	1,820	49	33	71	73	42	30	25	38	21	13
25	33	296	45	33	57	66	41	29	25	36	19	14
26	27	141	44	33	53	62	60	28	24	34	19	36
27	26	177	42	32	e62	92	48	27	24	32	18	23
28	25	117	39	32	e79	100	43	27	24	35	18	19
29	24	84	37	35	---	76	41	54	23	32	20	19
30	23	83	37	34	---	69	354	37	23	31	25	18
31	23	---	36	33	---	864	---	34	---	29	23	---
TOTAL	800	5,191	2,120	1,077	1,265	2,888	3,182	1,186	1,124	1,768	741	496
MEAN	25.8	173	68.4	34.7	45.2	93.2	106	38.3	37.5	57.0	23.9	16.5
MAX	112	1,820	286	45	79	864	538	82	122	214	33	36
MIN	15	22	36	32	33	43	41	27	23	21	18	13
CFSM	0.94	6.32	2.50	1.27	1.65	3.40	3.87	1.40	1.37	2.08	0.87	0.60
IN.	1.09	7.05	2.88	1.46	1.72	3.92	4.32	1.61	1.53	2.40	1.01	0.67

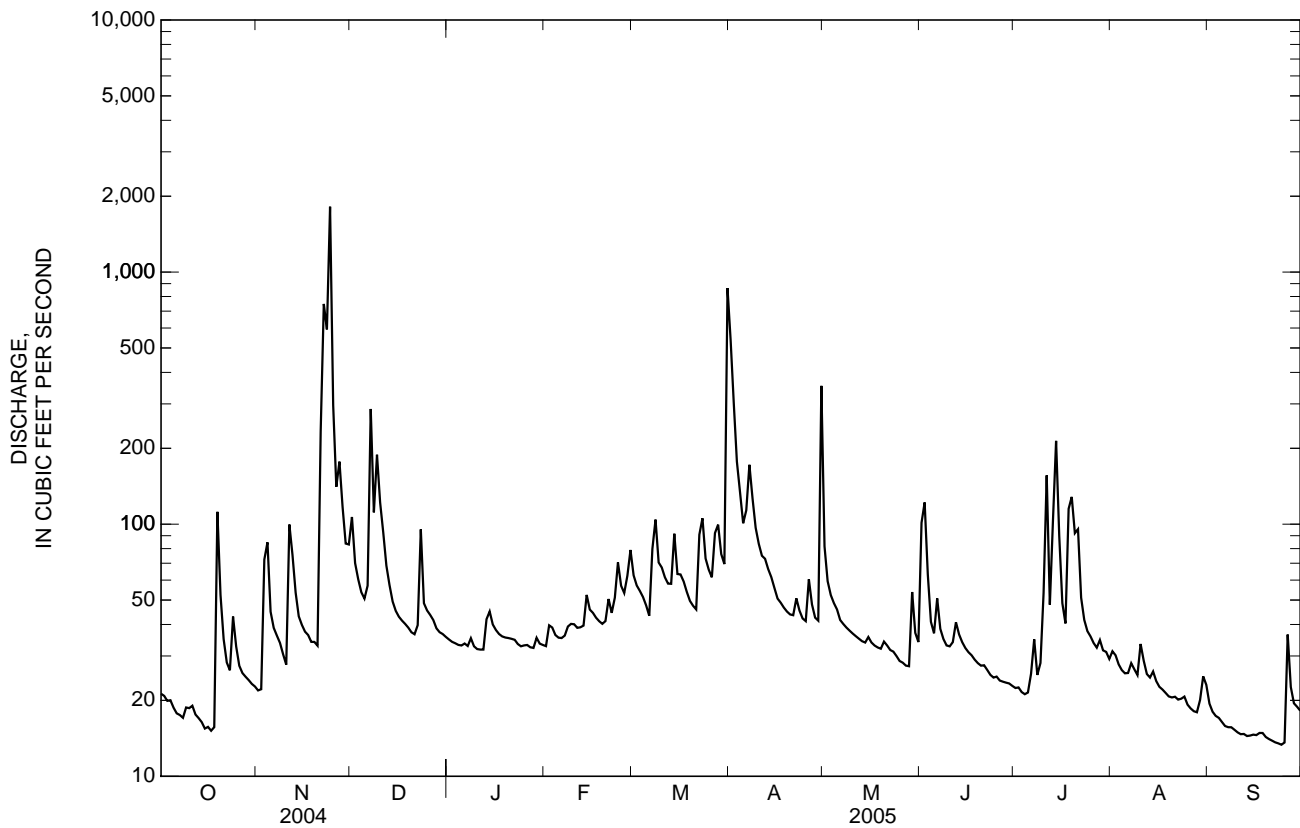
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	27.7	41.3	42.1	70.9	81.5	102	70.0	58.8	42.0	39.0	24.2	30.2
MAX	123	173	88.6	171	274	204	156	371	157	73.2	50.0	133
(WY)	(1996)	(2005)	(2003)	(1996)	(1990)	(1996)	(2000)	(2003)	(1997)	(2002)	(1998)	(2001)
MIN	7.58	15.1	14.3	25.1	27.2	39.0	28.8	19.2	18.3	12.5	11.0	9.66
(WY)	(2001)	(1999)	(2000)	(2000)	(2000)	(1992)	(2004)	(1992)	(2000)	(2000)	(2000)	(2000)

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	20,444		21,838		52.5	
ANNUAL MEAN	55.9		59.8		85.8	
HIGHEST ANNUAL MEAN					27.7	
LOWEST ANNUAL MEAN					2,500	
HIGHEST DAILY MEAN	2,230	Feb 6	1,820	Nov 24	May 8, 2003	2003
LOWEST DAILY MEAN	12	Sep 6	13	Sep 24	Nov 2, 2000	1992
ANNUAL SEVEN-DAY MINIMUM	13	Aug 27	14	Sep 19	Oct 27, 2000	
MAXIMUM PEAK FLOW			3,930	Nov 24	10,100	Mar 11, 2000
MAXIMUM PEAK STAGE			10.87	Nov 24	16.17	Mar 11, 2000
ANNUAL RUNOFF (CFSM)	2.04		2.18		1.91	
ANNUAL RUNOFF (INCHES)	27.76		29.65		26.02	
10 PERCENT EXCEEDS	80		96		84	
50 PERCENT EXCEEDS	28		36		32	
90 PERCENT EXCEEDS	16		18		15	

e Estimated



02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--January 1989 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: January 1989 to current year.

WATER TEMPERATURES: January 1989 to current year.

DISSOLVED OXYGEN: January 1989 to current year.

INSTRUMENTATION.--Water-quality monitor since January 1989.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 366 μ S/cm, Apr. 24, 1999; minimum, 55 μ S/cm, Feb. 6, 2004.

WATER TEMPERATURES: Maximum, 28.7°C, Aug. 19, 1995; minimum, 1.9°C, Dec. 23, 1989.

DISSOLVED OXYGEN: Maximum, 16.4 mg/L, Jan. 8, 2002; minimum, 3.1 mg/L, Oct. 31, 2004, Nov. 11, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 318 μ S/cm, July 29; minimum, 82 μ S/cm, Nov. 24.

WATER TEMPERATURE: Maximum, 25.7°C, Aug. 20; minimum, 6.3°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 14.1 mg/L, Jan. 18; minimum, 6.9 mg/L, Oct. 18, 19.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	307	301	304	317	308	313	249	192	229	289	276	284
2	307	298	304	317	296	311	256	249	252	290	278	286
3	307	300	304	314	172	253	262	256	258	291	272	286
4	307	300	304	278	209	250	269	262	265	293	278	287
5	307	299	304	298	278	289	270	262	268	293	268	285
6	312	304	307	305	298	301	269	258	263	294	278	288
7	312	302	308	308	304	306	271	109	215	293	268	284
8	311	301	308	311	306	308	244	224	236	290	259	277
9	312	303	307	314	308	311	245	161	215	293	271	287
10	309	302	306	314	308	311	240	214	231	295	278	290
11	310	303	308	314	174	254	249	240	245	297	278	290
12	313	304	309	282	254	270	258	249	254	297	284	293
13	313	307	310	292	282	287	264	258	260	298	249	279
14	312	304	309	296	292	294	270	264	267	285	261	276
15	313	307	310	300	296	298	274	270	272	289	275	283
16	313	304	310	301	295	299	277	274	275	287	278	284
17	312	303	309	303	298	301	279	277	278	289	280	286
18	313	303	309	305	298	302	282	279	280	290	279	286
19	312	127	237	305	299	303	284	280	282	290	279	286
20	284	182	245	308	300	305	285	283	284	291	277	286
21	303	284	294	308	120	241	287	283	285	291	276	286
22	309	302	306	251	112	197	288	257	280	292	279	288
23	311	284	307	179	146	162	269	182	239	293	281	288
24	291	254	272	165	82	127	274	269	272	294	282	289
25	307	289	299	202	165	186	276	272	274	294	279	289
26	312	304	308	222	202	213	279	274	277	295	281	290
27	314	307	311	227	161	205	281	277	279	295	281	290
28	315	307	312	236	208	225	282	277	281	295	288	292
29	315	307	312	250	236	242	284	277	282	290	283	286
30	315	308	312	253	199	247	286	276	282	293	287	290
31	316	308	313	---	---	---	288	276	283	295	286	291
MONTH	316	127	302	317	82	264	288	109	263	298	249	287

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	295	290	293	276	272	274	202	151	180	258	235	249
2	294	263	277	278	275	277	212	180	201	266	258	261
3	298	276	287	286	278	282	226	212	219	271	266	268
4	291	286	289	288	283	286	237	226	232	276	271	273
5	290	286	289	290	285	288	247	237	242	279	275	277
6	291	285	289	290	285	288	250	169	244	282	278	280
7	307	289	293	294	164	271	240	160	220	283	279	281
8	289	282	285	273	199	254	247	235	242	285	280	282
9	292	286	289	275	271	274	252	247	249	287	280	284
10	291	288	289	277	273	274	256	252	254	286	281	284
11	292	287	290	280	276	278	261	256	258	287	282	285
12	291	286	289	282	278	281	269	256	261	287	281	285
13	292	281	289	284	249	279	273	269	270	287	282	285
14	283	264	274	272	233	256	276	272	274	288	282	285
15	287	283	285	275	271	273	278	274	276	288	274	281
16	289	286	288	277	272	274	280	276	278	287	282	284
17	290	283	286	280	277	278	281	276	279	289	284	286
18	287	284	286	282	277	280	282	277	280	289	284	287
19	289	284	287	284	279	282	283	278	281	294	284	288
20	290	267	285	285	279	283	285	281	283	289	255	280
21	284	267	276	287	280	284	287	282	284	287	272	281
22	287	282	285	288	212	260	287	258	275	290	283	287
23	288	222	281	266	222	251	287	270	281	290	284	288
24	276	216	257	270	266	267	289	286	287	293	285	288
25	280	276	279	276	270	272	289	285	288	292	285	289
26	282	278	280	278	271	276	289	220	264	291	286	289
27	284	278	282	271	212	258	286	258	277	291	284	288
28	273	225	262	267	231	259	289	284	287	290	283	287
29	---	---	---	271	267	269	292	283	288	290	165	243
30	---	---	---	273	268	271	292	95	212	283	254	272
31	---	---	---	270	106	170	---	---	---	286	279	284
MONTH	307	216	284	294	106	270	292	95	259	294	165	280
	JUNE			JULY			AUGUST			SEPTEMBER		
1	279	171	228	302	293	299	298	256	288	309	300	305
2	270	147	231	309	292	299	294	274	287	310	300	306
3	274	218	255	302	293	298	296	289	293	309	300	305
4	285	274	280	302	294	299	297	289	294	308	297	304
5	297	284	287	301	293	298	297	289	293	308	298	304

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	19.9	16.5	18.3	20.5	18.2	19.4	14.7	12.2	13.4	15.0	12.7	13.8
2	20.6	17.9	19.3	20.3	19.2	19.7	13.1	11.1	12.1	15.8	13.9	14.7
3	21.2	18.9	19.9	20.3	19.1	19.7	13.4	10.8	12.1	15.6	13.2	14.4
4	19.8	16.6	18.4	20.0	17.0	18.8	13.7	11.2	12.5	15.7	13.4	14.5
5	19.9	17.1	18.5	17.0	14.8	15.9	13.5	11.8	12.6	15.1	13.2	14.3
6	20.0	16.8	18.6	15.7	13.1	14.5	15.3	13.5	14.4	15.3	13.8	14.9
7	19.8	18.4	19.1	16.5	13.5	15.1	16.5	14.5	15.7	15.2	13.3	14.0
8	19.0	17.6	18.3	15.8	14.2	15.1	15.4	13.2	14.3	15.4	12.7	14.7
9	18.7	17.9	18.3	15.4	12.9	14.2	16.3	14.5	15.6	13.5	11.1	12.3
10	19.0	18.2	18.6	15.1	13.2	14.3	15.5	13.7	14.8	14.6	12.0	13.3
11	20.1	18.5	19.2	15.5	14.1	14.6	13.7	12.8	13.1	16.1	13.8	14.9
12	20.7	19.3	19.9	16.4	15.4	15.9	13.9	12.3	13.1	16.1	15.2	15.6
13	19.8	17.0	18.1	15.6	14.8	15.2	13.2	11.4	12.5	15.7	14.2	15.1
14	17.6	15.9	16.8	14.9	13.5	14.3	11.4	9.7	10.5	14.2	11.1	12.7
15	16.3	14.1	15.3	14.4	12.4	13.5	11.0	8.6	9.8	12.5	10.1	11.2
16	16.3	13.6	15.0	14.5	12.1	13.4	11.3	8.6	10.0	11.4	9.1	10.5
17	17.3	14.4	15.9	15.6	12.8	14.3	12.3	10.4	11.2	9.2	7.4	8.4
18	18.8	16.6	17.7	15.4	13.8	14.7	12.0	9.5	10.8	9.3	6.8	8.1
19	19.0	18.4	18.6	15.4	14.4	15.0	11.0	8.4	10.2	9.5	7.4	8.4
20	19.2	18.2	18.7	16.6	15.4	16.0	9.1	7.2	8.2	11.4	7.7	9.5
21	19.5	18.6	19.0	16.0	15.4	15.6	12.4	8.6	10.5	13.1	9.5	11.3
22	19.8	18.2	18.9	16.4	15.4	15.9	13.0	11.3	12.0	13.3	9.5	11.9
23	19.2	17.9	18.6	17.3	16.1	16.7	13.0	8.3	10.0	9.5	6.9	7.9
24	20.1	18.3	19.0	17.8	16.1	17.1	8.8	7.6	8.2	9.5	6.3	7.9
25	19.7	17.4	18.6	16.1	13.5	14.8	9.4	7.3	8.4	11.5	7.7	9.6
26	20.1	17.8	19.0	14.8	12.7	13.7	10.2	8.0	9.1	13.9	10.5	12.2
27	20.0	18.3	19.2	13.7	12.2	13.0	10.4	8.0	9.2	12.2	10.0	10.9
28	20.6	18.6	19.5	14.4	12.9	13.7	10.9	8.2	9.6	10.7	8.5	9.7
29	20.8	18.7	19.8	14.8	12.6	13.7	12.3	8.9	10.6	9.1	8.1	8.6
30	20.0	18.6	19.3	15.6	14.0	14.7	13.3	10.5	11.9	10.1	9.1	9.6
31	20.2	18.5	19.3	---	---	---	14.1	11.6	12.9	11.1	9.5	10.3
MONTH	21.2	13.6	18.5	20.5	12.1	15.4	16.5	7.2	11.6	16.1	6.3	11.8
FEBRUARY			MARCH			APRIL			MAY			
1	11.2	10.5	10.8	11.9	9.9	10.9	18.0	15.4	16.4	18.2	14.4	16.2
2	10.5	9.4	9.8	12.9	8.5	10.6	16.8	13.8	15.1	17.8	14.0	15.9
3	10.3	9.7	9.9	13.6	10.6	11.9	17.7	12.7	14.9	17.8	14.2	15.9
4	11.7	8.8	10.3	14.6	9.9	12.3	18.4	13.4	15.8	17.7	13.7	15.8
5	12.3	8.5	10.5	15.7	11.6	13.4	19.3	14.7	16.7	18.2	14.9	16.4
6	12.7	9.6	11.2	14.5	11.1	12.8	16.5	14.8	15.7	18.6	15.4	17.0
7	13.9	10.8	12.4	13.8	11.1	12.5	18.3	15.7	16.6	19.7	15.1	17.4
8	13.9	13.1	13.5	14.4	11.4	12.8	16.5	15.6	16.0	20.2	15.8	18.1
9	13.9	12.8	13.6	12.3	10.3	11.3	20.0	14.8	17.1	19.7	16.6	18.3
10	12.8	9.8	11.2	14.0	10.9	12.2	20.2	15.7	17.8	20.7	17.0	18.8
11	11.7	8.1	10	14.9	11.5	12.8	18.5	16.5	17.5	21.8	17.5	19.6
12	12.9	8.6	10.8	16.4	11.0	13.5	17.7	16.4	16.8	22.3	18.3	20.2
13	12.8	11.5	12.2	17.6	13.1	15.3	17.4	15.2	16.3	21.8	18.2	20.1
14	14.5	12.2	13.1	16.3	13.0	14.5	17.7	14.8	16.1	21.6	18.3	20.0
15	14.7	11.5	13.1	14.9	11.9	13.4	19.3	13.9	16.5	20.7	18.7	19.6
16	14.4	12.5	13.7	13.6	12.3	12.8	19.2	14.8	16.9	19.9	16.4	18.2
17	13.3	10.6	12.0	12.5	11.9	12.2	19.2	14.4	16.9	20.6	15.8	18.3
18	13.0	9.3	11.2	15.4	11.1	13.1	19.8	14.9	17.4	21.0	16.9	19.0
19	12.6	10.0	11.4	13.8	11.4	12.7	19.6	15.3	17.5	21.7	17.8	19.8
20	13.0	12.1	12.5	16.1	12.1	14.1	20.1	15.2	17.6	20.9	19.0	19.9
21	16.3	12.8	14.7	16.5	13.7	15.0	18.9	16.1	17.6	21.7	18.3	20.0
22	16.6	14.1	15.3	15.5	13.7	14.6	18.8	16.8	17.7	21.7	18.3	20.0
23	15.7	12.7	14.3	15.7	13.9	14.8	18.0	15.1	16.5	22.3	18.9	20.5
24	14.5	13.0	13.8	17.9	12.9	15.2	16.6	12.7	14.7	22.7	18.6	20.5
25	14.8	11.3	13.0	19.4	13.9	16.4	15.7	12.3	14.2	21.3	17.3	19.3
26	14.2	10.4	12.4	20.0	14.8	17.3	16.2	13.9	14.9	21.3	16.6	18.9
27	13.0	12.2	12.4	19.0	16.5	17.6	17.7	13.7	15.6	21.6	17.1	19.4
28	12.2	11.2	11.7	16.5	13.7	14.6	17.6	13.4	15.7	21.5	18.5	20.0
29	---	---	---	18.3	12.4	15.2	19.0	16.3	17.6	19.9	18.0	18.7
30	---	---	---	19.0	14.0	16.5	18.1	16.0	17.4	18.5	17.7	18.1
31	---	---	---	17.3	15.9	16.6	---	---	---	19.0	17.9	18.4
MONTH	16.6	8.1	12.2	20.0	8.5	13.8	20.2	12.3	16.4	22.7	13.7	18.7

02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.0	8.8	9.4	9.8	7.0	8.9	10.2	9.3	9.7	13.0	10.2	11.3
2	10.1	8.7	9.3	9.7	8.4	8.8	11.1	10.2	10.7	13.0	10.0	11.0
3	9.8	8.6	9.1	9.2	8.6	8.8	11.2	10.5	10.9	13.0	10.0	11.1
4	10.1	8.9	9.4	9.7	8.9	9.4	11.2	10.4	10.8	12.9	10.0	11.1
5	10.2	8.8	9.3	10.7	9.7	10.1	11.0	10.4	10.7	13.3	10.1	11.1
6	10.0	8.7	9.3	11.2	9.9	10.5	10.4	10.0	10.3	12.6	9.9	10.8
7	9.9	8.7	9.1	11.1	9.7	10.3	10.3	9.8	10	13.0	10.1	11.0
8	10.1	8.7	9.2	11.0	9.9	10.4	10.7	10.1	10.4	12.9	10.0	11.0
9	9.7	8.7	9.0	11.4	10.1	10.7	10.2	9.8	10	13.8	10.7	11.7
10	9.5	8.5	8.9	11.5	10.2	10.7	10.4	10.0	10.1	13.4	10.0	11.3
11	9.2	8.1	8.6	10.9	10.2	10.5	10.7	10.4	10.6	12.6	9.6	10.6
12	9.0	7.9	8.4	10.4	10.0	10.2	10.9	10.4	10.7	11.8	9.6	10.3
13	8.8	7.9	8.4	10.9	10.2	10.5	11.1	10.6	10.8	10.8	9.6	10.1
14	9.3	8.1	8.6	11.4	10.4	10.8	11.9	11.1	11.5	12.3	10.2	11.1
15	9.0	8.2	8.5	11.6	10.6	11.0	12.3	11.2	11.8	13.1	10.8	11.7
16	9.0	7.9	8.4	11.9	10.0	10.8	12.3	11.1	11.7	13.2	11.1	11.9
17	8.6	7.5	8.1	11.1	9.6	10.3	11.9	10.9	11.3	13.9	11.8	12.6
18	8.1	6.9	7.5	11.1	9.6	10.2	12.2	10.9	11.5	14.1	11.8	12.7
19	7.7	6.9	7.3	10.7	9.6	10	12.1	11.2	11.7	13.7	11.7	12.5
20	8.4	7.7	8.1	10.6	9.4	9.8	13.2	11.9	12.4	13.7	10.9	12.1
21	---	---	---	10.2	9.4	9.8	12.5	10.8	11.7	13.2	10.3	11.5
22	9.8	8.8	9.1	10.0	9.5	9.8	11.4	10.6	11.0	12.4	10.6	11.2
23	9.9	8.7	9.2	10.0	9.6	9.8	12.4	10.7	11.9	14.0	11.4	12.7
24	9.6	8.5	9.0	10.9	9.5	10.2	13.3	12.3	12.7	14.0	11.5	12.6
25	9.9	8.6	9.1	10.0	8.6	9.2	13.4	12.0	12.6	13.4	10.7	12.0
26	9.9	8.5	9.1	---	---	---	13.4	11.8	12.4	12.6	10.1	11.1
27	9.8	8.6	9.0	---	---	---	13.6	11.8	12.6	13.3	10.5	11.7
28	9.9	8.4	9.0	---	---	---	13.6	11.6	12.5	13.2	11.3	12.1
29	9.8	8.3	8.9	---	---	---	13.6	11.1	12.2	12.9	11.9	12.3
30	9.5	8.4	8.9	---	---	---	13.2	10.8	11.8	12.9	11.6	12.1
31	9.8	8.5	9.0	---	---	---	13.2	10.5	11.5	13.2	11.3	12.0
MONTH	10.2	6.9	8.8	11.9	7.0	10.1	13.6	9.3	11.3	14.1	9.6	11.6
FEBRUARY			MARCH			APRIL			MAY			
1	12.8	11.4	11.8	12.0	10.8	11.3	10.9	10.4	10.7	9.7	8.9	9.3
2	12.6	11.5	12.1	12.5	10.6	11.5	11.3	10.8	11.0	10.1	9.0	9.5
3	12.6	11.8	12.1	11.9	10.1	11.0	11.8	10.6	11.2	10.2	9.0	9.5
4	13.4	11.4	12.2	11.8	9.9	10.8	11.6	10.4	11.0	10.3	9.0	9.6
5	13.4	11.2	12.1	11.6	9.7	10.5	11.3	10.2	10.7	10.0	8.9	9.4
6	13.1	11.1	12.0	11.9	9.9	10.7	11.1	10.4	10.8	9.9	8.7	9.2
7	12.6	10.6	11.6	11.5	9.9	10.6	10.9	10.3	10.6	10.0	8.4	9.2
8	12.0	10.7	11.1	11.2	10.1	10.5	10.8	10.4	10.6	9.9	7.3	9.0
9	11.4	10.8	11.0	11.7	10.5	11.0	11.1	9.9	10.5	10.4	7.3	9.0
10	13.0	11.1	12.0	11.6	10.1	10.8	10.9	9.8	10.3	10.0	8.4	9.1
11	13.6	11.5	12.5	11.6	10.0	10.7	10.7	9.9	10.2	9.9	8.2	8.9
12	13.5	11.1	12.2	11.7	9.4	10.5	10.6	9.3	10.0	9.8	8.1	8.9
13	12.4	11.1	11.6	11.4	9.1	10.1	10.5	9.4	9.8	9.9	8.2	8.9
14	12.2	10.8	11.4	11.0	9.6	10.2	10.6	9.1	9.8	9.9	8.3	9.0
15	12.7	10.7	11.6	11.7	9.9	10.6	10.8	8.9	9.8	9.7	8.5	9.0
16	11.8	11.0	11.3	10.7	10.0	10.4	10.7	8.8	9.7	10.3	8.9	9.5
17	13.1	10.1	11.3	11.1	10.4	10.6	10.7	8.8	9.7	10.5	8.7	9.5
18	12.5	10.5	11.3	11.8	9.8	10.7	10.6	8.6	9.5	10.3	8.6	9.4
19	12.5	10.7	11.4	11.7	10.1	10.7	10.6	8.6	9.5	10.2	8.6	9.3
20	11.9	10.5	11.0	11.8	9.5	10.5	10.4	8.5	9.4	10.1	8.7	9.1
21	11.1	9.7	10.4	11.5	9.4	10.3	10.2	8.7	9.3	10.1	8.6	9.2
22	11.4	9.6	10.3	10.8	9.6	10	9.8	8.6	9.1	10.5	8.6	9.4
23	11.7	9.7	10.6	10.3	9.8	10.1	10.1	8.7	9.4	10.2	8.5	9.2
24	11.1	10.3	10.5	11.2	9.3	10.2	10.8	9.2	9.9	10.2	8.5	9.2
25	11.9	10.1	10.9	11.1	8.9	9.9	10.9	9.3	10.0	10.7	8.9	9.7
26	12.1	10.3	11.1	10.8	8.7	9.7	10.1	9.3	9.6	10.9	8.4	9.6
27	11.3	10.5	10.9	9.7	9.0	9.3	10.5	9.0	9.7	10.1	8.3	9.1
28	11.2	10.8	11.0	11.1	9.4	10.3	10.5	8.9	9.7	10.0	8.4	9.0
29	---	---	---	11.9	9.9	10.9	9.9	8.5	9.2	9.5	8.6	9.2
30	---	---	---	11.4	9.7	10.5	9.2	8.5	9.0	9.9	9.3	9.6
31	---	---	---	11.0	10.0	10.6	---	---	---	10.0	9.2	9.6
MONTH	13.6	9.6	11.4	12.5	8.7	10.5	11.8	8.5	10.0	10.9	7.3	9.3

02456000 TURKEY CREEK AT MORRIS, AL

LOCATION.--Lat 33°44'25", long 86°48'45", in SW 1/4 sec. 12, T. 15 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on downstream side of pier of bridge on county road (former U.S. Highway 31), at Morris, 0.8 mi downstream from Cunningham Creek, at mile 4.0.

DRAINAGE AREA.--80.9 mi².

PERIOD OF RECORD.--January 1944 to September 1979, March 2002 to current year.

GAGE.--Water-stage recorder. Datum of gage is 345.18 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of December 1942 reached a stage of 22.6 ft from information by local residents. Flood of March 11, 2000 reached a stage of 21.52 ft, discharge 13,900 ft³/s, from highwater mark. Flood of Feb. 6, 2004 reached a stage of 22.54 ft, discharge 13,200 ft³/s, from record.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	2200	5,360	13.67	Mar 31	1130	5,940	14.48
Nov 24	1145	*10,700	*20.10	Jul 15	0000	2,550	9.01
Dec 7	1230	2,450	8.80				

Minimum discharge, 21 ft³/s, Sept. 25, gage height, 0.41 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	41	40	559	93	75	278	1,330	341	447	36	55	31
2	39	46	342	88	145	208	913	204	320	35	59	28
3	39	344	262	84	173	178	492	154	300	35	53	27
4	38	803	212	81	149	153	341	124	139	34	48	26
5	37	208	193	80	126	135	258	108	102	34	48	26
6	35	130	252	85	110	119	233	98	120	38	46	25
7	34	100	1,110	81	102	153	561	91	121	112	47	25
8	34	80	550	102	127	380	410	84	90	59	48	25
9	33	67	905	84	139	233	308	78	79	44	47	25
10	34	59	569	79	145	216	238	74	71	70	130	25
11	33	376	364	78	135	180	198	69	75	420	114	24
12	31	361	274	77	124	159	200	64	122	135	56	24
13	31	209	224	117	119	169	165	61	100	236	45	24
14	30	144	176	203	182	371	143	58	83	695	41	24
15	29	112	151	142	163	226	127	67	72	748	39	24
16	27	98	138	124	150	219	113	62	63	273	36	23
17	28	85	128	109	132	190	105	56	56	161	35	24
18	27	74	119	99	119	168	98	53	52	162	34	25
19	310	70	111	95	109	155	93	51	49	187	33	24
20	201	72	101	93	107	139	88	84	47	253	32	24
21	77	565	97	90	184	129	88	78	50	203	30	23
22	57	2,450	110	84	153	302	131	59	46	156	31	23
23	49	1,980	396	76	153	554	109	53	43	106	32	23
24	122	6,070	237	72	395	290	88	50	41	89	31	23
25	74	928	179	72	241	218	80	46	40	80	30	23
26	58	495	155	72	186	179	143	44	40	72	29	49
27	51	609	133	69	e218	263	131	43	43	69	28	40
28	52	525	120	65	e500	319	98	42	43	66	27	29
29	48	353	112	95	---	240	92	124	42	67	28	26
30	45	309	105	85	---	202	848	92	38	67	42	25
31	43	---	100	77	---	3,040	---	74	---	59	36	---
TOTAL	1,787	17,762	8,484	2,851	4,661	9,765	8,222	2,686	2,934	4,801	1,390	787
MEAN	57.6	592	274	92.0	166	315	274	86.6	97.8	155	44.8	26.2
MAX	310	6,070	1,110	203	500	3,040	1,330	341	447	748	130	49
MIN	27	40	97	65	75	119	80	42	38	34	27	23
CFSM	0.71	7.32	3.38	1.14	2.06	3.89	3.39	1.07	1.21	1.91	0.55	0.32
IN.	0.82	8.17	3.90	1.31	2.14	4.49	3.78	1.24	1.35	2.21	0.64	0.36

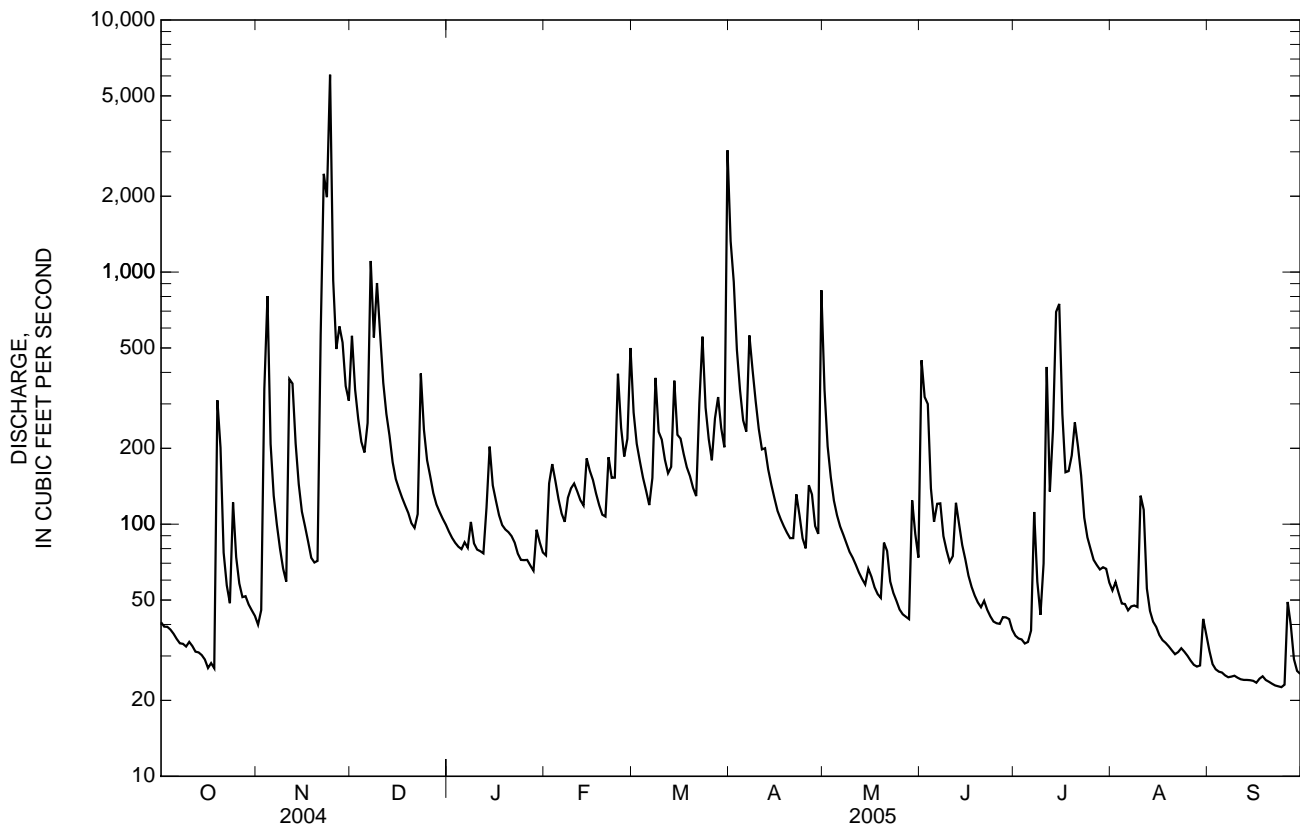
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1944 - 2005, BY WATER YEAR (WY)

MEAN	39.1	83.2	144	247	299	308	217	125	56.8	53.0	35.0	47.3
MAX	311	592	581	690	1,121	712	682	841	240	173	92.2	187
(WY)	(1978)	(2005)	(1962)	(1949)	(1961)	(1976)	(1979)	(2003)	(1973)	(2002)	(1975)	(2004)
MIN	10.4	11.8	24.3	25.8	70.9	76.1	36.6	34.1	22.9	17.5	13.8	12.7
(WY)	(1954)	(1954)	(1966)	(1956)	(1968)	(1967)	(1967)	(1952)	(1967)	(1954)	(1954)	(1955)

02456000 TURKEY CREEK AT MORRIS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1944 - 2005	
ANNUAL TOTAL	64,864		66,130		137	
ANNUAL MEAN	177		181		232	
HIGHEST ANNUAL MEAN					47.1	
LOWEST ANNUAL MEAN					12,000	
HIGHEST DAILY MEAN	6,930	Feb 6	6,070	Nov 24	12,000	Feb 21, 1961
LOWEST DAILY MEAN	21	Aug 9	23	Sep 16	7.8	Oct 5, 1970
ANNUAL SEVEN-DAY MINIMUM	24	Aug 3	23	Sep 19	9.2	Oct 11, 1956
MAXIMUM PEAK FLOW			10,700	Nov 24	15,800	May 7, 2003
MAXIMUM PEAK STAGE			20.10	Nov 24	24.95	May 7, 2003
ANNUAL RUNOFF (CFSM)	2.19		2.24		1.69	
ANNUAL RUNOFF (INCHES)	29.83		30.41		23.00	
10 PERCENT EXCEEDS	308		343		273	
50 PERCENT EXCEEDS	67		92		54	
90 PERCENT EXCEEDS	29		30		16	

e Estimated



02456500 LOCUST FORK AT SAYRE, AL

LOCATION.--Lat 33°42'35", long 86°59'00", in NW 1/4 sec. 29, T. 15 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, on left bank 150 ft upstream from bridge on county road at Sayre, 1.5 mi downstream from Camp Creek, and at mile 33.9.

DRAINAGE AREA.--885 mi².

PERIOD OF RECORD.--July 1928 to March 1932 (published as "near Warrior") and October 1941 to current year. Monthly discharge only for July 1928 and low-water periods October 1941 to September 1945, published in WSP 1304.

REVISED RECORDS.--WSP 1142: 1943(M). WSP 1304: 1929(M). WSP 1434: 1943. WDR AL-79-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 258.64 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Prior to March 1932, nonrecording gage at site 9 mi upstream, at different datum. May 11, 1942, to June 30, 1949, nonrecording gage at present site and datum.

REMARKS.--Estimated daily discharge: Feb. 27, 28, June 10-15. Records good except those estimated which are poor. Diversion above station subsequent to 1938 from Inland Reservoir, usable capacity 60,000 acre-ft on Blackburn Fork for industrial water supply for City of Birmingham. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 17,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	1730	*33,400	*36.28	Apr 1	1100	17,600	24.77

Minimum discharge, 83 ft³/s, Sept. 24, 25, gage height, 2.46 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	304	589	6,520	975	681	4,130	17,300	2,620	1,280	195	682	207
2	283	585	6,620	911	849	3,020	13,100	1,850	1,210	183	565	192
3	269	1,860	4,540	850	1,520	2,400	7,900	1,240	1,330	169	556	161
4	251	11,800	3,500	799	1,700	2,020	5,010	961	1,010	166	450	150
5	241	14,700	2,830	755	1,430	1,740	3,680	803	691	392	374	139
6	223	6,170	3,030	751	1,220	1,520	2,960	705	630	1,370	327	129
7	208	3,470	7,470	777	1,100	1,370	5,740	635	761	1,230	297	119
8	195	2,500	9,860	851	1,180	2,020	8,090	580	763	2,350	280	112
9	200	1,950	8,600	917	1,290	2,620	6,210	527	829	1,360	274	108
10	209	1,570	12,500	870	1,470	2,220	4,270	485	e1,180	955	323	104
11	211	1,680	7,680	779	1,490	1,950	3,240	448	e878	1,790	741	98
12	216	3,730	4,850	737	1,310	1,710	2,730	413	e781	2,850	544	97
13	217	4,460	3,670	781	1,200	1,540	2,470	380	e958	2,450	365	94
14	222	3,240	2,930	1,340	1,320	2,510	2,110	354	e845	3,440	305	90
15	224	2,420	2,420	2,290	1,480	2,640	1,830	349	e700	4,740	358	90
16	270	1,940	2,090	1,850	1,540	2,300	1,570	347	596	2,990	333	90
17	239	1,660	1,860	1,520	1,370	2,100	1,370	318	484	1,910	266	91
18	216	1,450	1,670	1,290	1,220	1,970	1,210	296	404	1,570	235	89
19	565	1,300	1,500	1,130	1,090	1,790	1,090	276	347	1,510	223	87
20	6,290	1,210	1,340	1,050	1,020	1,590	997	330	314	1,420	217	88
21	3,560	1,560	1,190	992	1,420	1,440	911	695	433	1,110	194	91
22	1,800	6,170	1,130	932	3,190	1,570	920	750	390	1,190	186	91
23	1,260	13,900	1,660	853	2,550	5,680	1,010	559	420	879	181	88
24	1,310	22,200	2,460	757	2,850	5,240	871	389	308	724	166	87
25	1,340	32,800	2,140	685	2,860	3,840	756	317	272	584	169	88
26	1,120	26,200	1,760	657	2,310	2,760	743	270	245	483	158	126
27	920	9,090	1,530	642	e2,190	2,460	945	241	226	417	147	171
28	788	7,930	1,340	603	e4,000	2,550	830	220	227	657	136	232
29	699	6,270	1,210	625	---	3,260	752	298	220	1,310	131	190
30	710	4,880	1,120	709	---	2,640	2,120	419	202	1,100	160	149
31	651	---	1,050	714	---	10,100	---	333	---	1,050	182	---
TOTAL	25,211	199,284	112,070	29,392	46,850	84,700	102,735	18,408	18,934	42,544	9,525	3,648
MEAN	813	6,643	3,615	948	1,673	2,732	3,424	594	631	1,372	307	122
MAX	6,290	32,800	12,500	2,290	4,000	10,100	17,300	2,620	1,330	4,740	741	232
MIN	195	585	1,050	603	681	1,370	743	220	202	166	131	87
CFSM	0.92	7.51	4.08	1.07	1.89	3.09	3.87	0.67	0.71	1.55	0.35	0.14
IN.	1.06	8.38	4.71	1.24	1.97	3.56	4.32	0.77	0.80	1.79	0.40	0.15

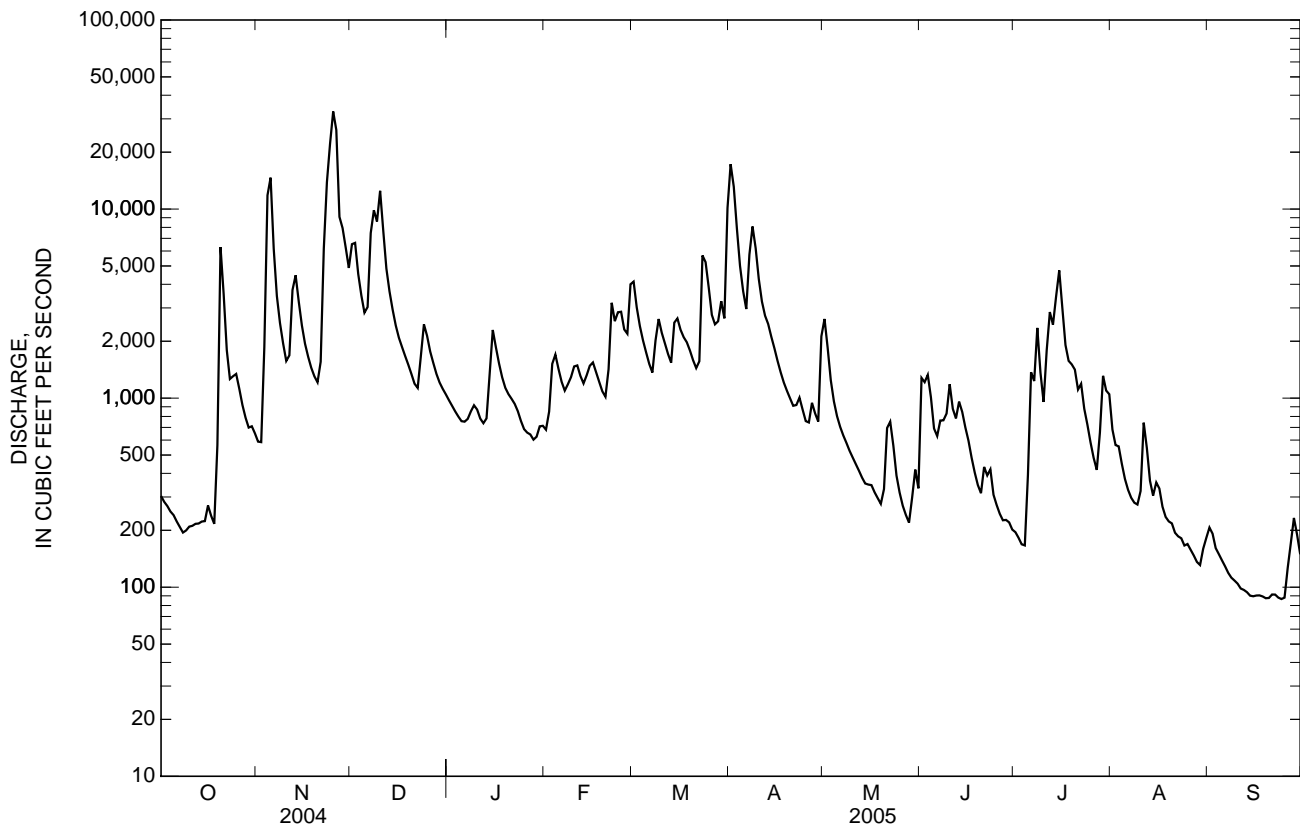
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

MEAN	377	984	1,633	2,769	3,174	3,391	2,385	1,300	581	508	264	371
MAX	3,091	9,451	5,911	8,224	9,796	10,170	7,346	6,601	5,392	3,055	1,180	2,712
(WY)	(1978)	(1930)	(1962)	(1947)	(1961)	(1980)	(1979)	(2003)	(1997)	(1989)	(1975)	(1979)
MIN	29.8	45.8	85.5	174	678	794	295	199	74.1	65.9	61.9	44.6
(WY)	(1932)	(1954)	(1944)	(1956)	(2000)	(1988)	(1986)	(1952)	(1988)	(1944)	(1953)	(1931)

02456500 LOCUST FORK AT SAYRE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1929 - 2005	
ANNUAL TOTAL	705,426		693,301		1,466	
ANNUAL MEAN	1,927		1,899		2,440	
HIGHEST ANNUAL MEAN					585	
LOWEST ANNUAL MEAN					1949	
HIGHEST DAILY MEAN	32,800	Nov 25	32,800	Nov 25	54,000	Feb 23, 1961
LOWEST DAILY MEAN	114	Aug 20	87	Sep 19	18	Sep 28, 1931
ANNUAL SEVEN-DAY MINIMUM	141	Aug 15	89	Sep 19	20	Sep 30, 1931
MAXIMUM PEAK FLOW			33,400	Nov 25	55,300	Jan 7, 1949
MAXIMUM PEAK STAGE			36.28	Nov 25	48.60	Feb 23, 1961
ANNUAL RUNOFF (CFSM)	2.18		2.15		1.66	
ANNUAL RUNOFF (INCHES)	29.65		29.14		22.51	
10 PERCENT EXCEEDS	4,480		4,050		3,400	
50 PERCENT EXCEEDS	749		958		546	
90 PERCENT EXCEEDS	207		182		80	

e Estimated



02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL

LOCATION.--Lat 33°36'27", long 86°44'35", in SW 1/4 sec. 27, T. 16 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, at bridge on Lawson Road, 2.5 mi northwest of Tarrant City, and at mile 36.1.

DRAINAGE AREA.--18.6 mi².

PERIOD OF RECORD.--May 1996 to Sept. 2001, Dec. 4, 2004 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 580 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Dec. 1, 3-7, 13-14. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Mar 31	0715	1,820	5.08	Jul 19	1745	2,090	5.58
Jul 14	1930	*4,430	*8.95				

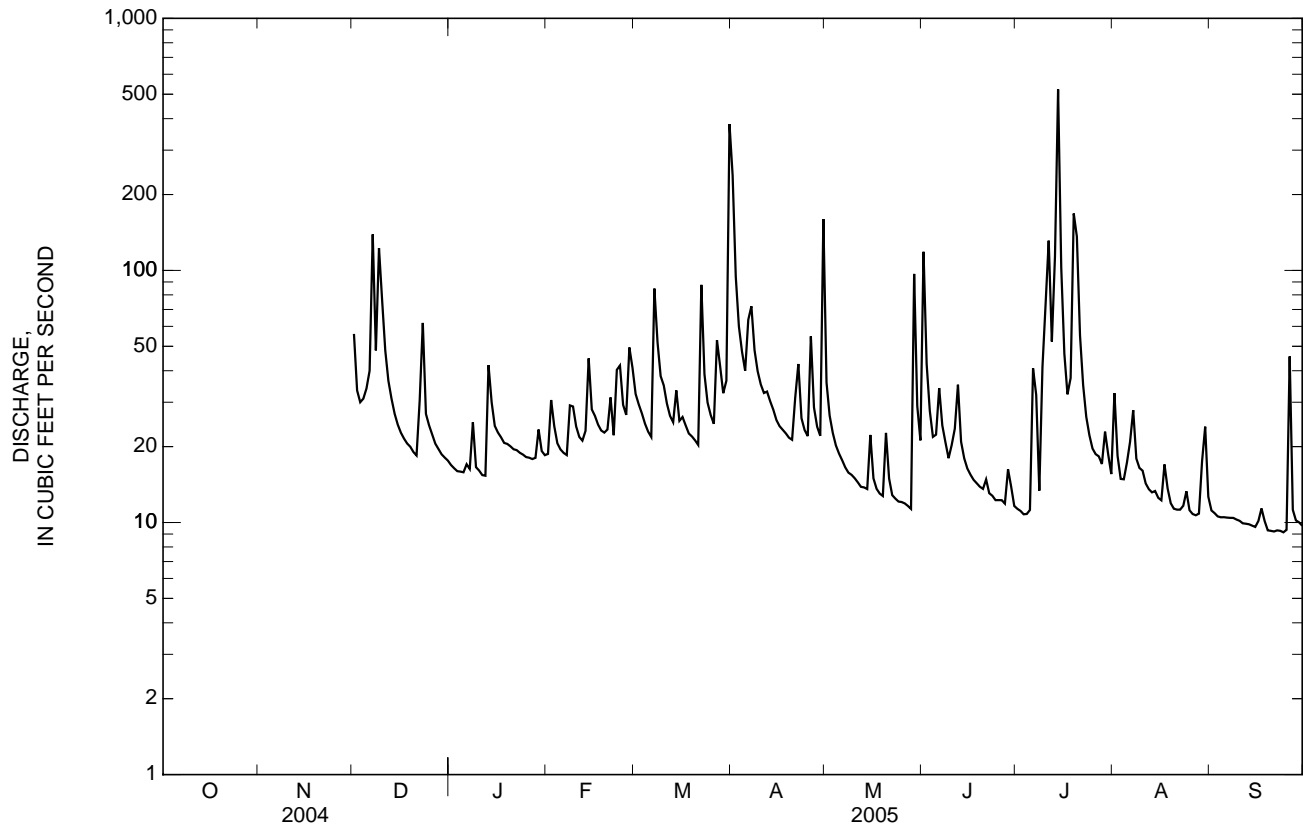
Minimum discharge, 8.1 ft³/s, Sept. 19, 20, 21, 22, 23, gage height, 0.70 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	e56	17	19	32	239	36	119	11	33	11
2	---	---	33	16	31	29	94	27	43	11	18	11
3	---	---	e30	16	24	27	60	23	28	11	15	11
4	---	---	e31	16	21	25	48	20	22	11	15	10
5	---	---	e34	16	19	23	40	19	22	11	17	10
6	---	---	e40	17	19	22	64	18	34	41	21	10
7	---	---	e139	16	19	85	72	17	24	32	28	10
8	---	---	48	25	29	52	48	16	21	13	18	10
9	---	---	123	17	29	38	40	15	18	41	16	10
10	---	---	76	16	24	35	35	15	20	73	16	10
11	---	---	48	15	22	30	33	14	24	131	14	9.9
12	---	---	36	15	21	26	33	14	35	52	14	9.9
13	---	---	e31	42	23	25	30	14	21	113	13	9.8
14	---	---	e27	30	45	33	28	14	18	523	13	9.7
15	---	---	24	24	28	25	25	22	16	103	13	9.6
16	---	---	23	23	26	26	24	15	15	47	12	10
17	---	---	22	22	24	24	23	14	15	32	17	11
18	---	---	21	21	23	23	23	13	14	37	14	10
19	---	---	20	20	23	22	22	13	14	168	12	9.3
20	---	---	19	20	23	21	21	23	14	136	11	9.3
21	---	---	18	20	31	20	31	15	15	55	11	9.2
22	---	---	31	19	22	88	43	13	13	35	11	9.3
23	---	---	62	19	40	39	26	12	13	26	12	9.3
24	---	---	27	19	42	30	23	12	12	22	13	9.1
25	---	---	24	18	29	27	22	12	12	20	11	9.4
26	---	---	22	18	27	25	55	12	12	19	11	46
27	---	---	21	18	49	53	29	12	12	18	11	11
28	---	---	20	18	41	42	24	11	16	17	11	10
29	---	---	19	23	---	33	22	97	14	23	17	10
30	---	---	18	19	---	37	160	29	12	19	24	9.7
31	---	---	18	18	---	380	---	21	---	16	13	---
TOTAL	---	---	1,161	613	773	1,397	1,437	608	668	1,867	475	334.5
MEAN	---	---	37.5	19.8	27.6	45.1	47.9	19.6	22.3	60.2	15.3	11.2
MAX	---	---	139	42	49	380	239	97	119	523	33	46
MIN	---	---	18	15	19	20	21	11	12	11	11	9.1
CFSM	---	---	2.01	1.06	1.48	2.42	2.58	1.05	1.20	3.24	0.82	0.60
IN.	---	---	2.32	1.23	1.55	2.79	2.87	1.22	1.34	3.73	0.95	0.67

e Estimated

02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL—Continued



02456998 BARTON BRANCH NEAR TARRANT CITY, AL

LOCATION.--Lat 33°36'38", long 86°33'33", in SW 1/4 sec. 28, T. 16 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, at middle of channel on downstream side of bridge, 0.5 mi from mouth, and 1.8 mi north of Tarrant City.

DRAINAGE AREA.--3.11 mi².

PERIOD OF RECORD.--May 27, 1996 to September 2001, December 2004 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 580 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Feb. 27, Mar 7,8, June 6-10, July 19-22, July 29 - Aug. 1, Aug. 22, 23. Records fair except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 7	0830	1,350	4.50	Jul 13	2030	1,210	4.38
Mar 31	0630	1,820	4.85	Jul 14	1915	2,600	5.35
Apr 30	0615	1,570	4.67	Jul 19	1915	*4,400	*6.26

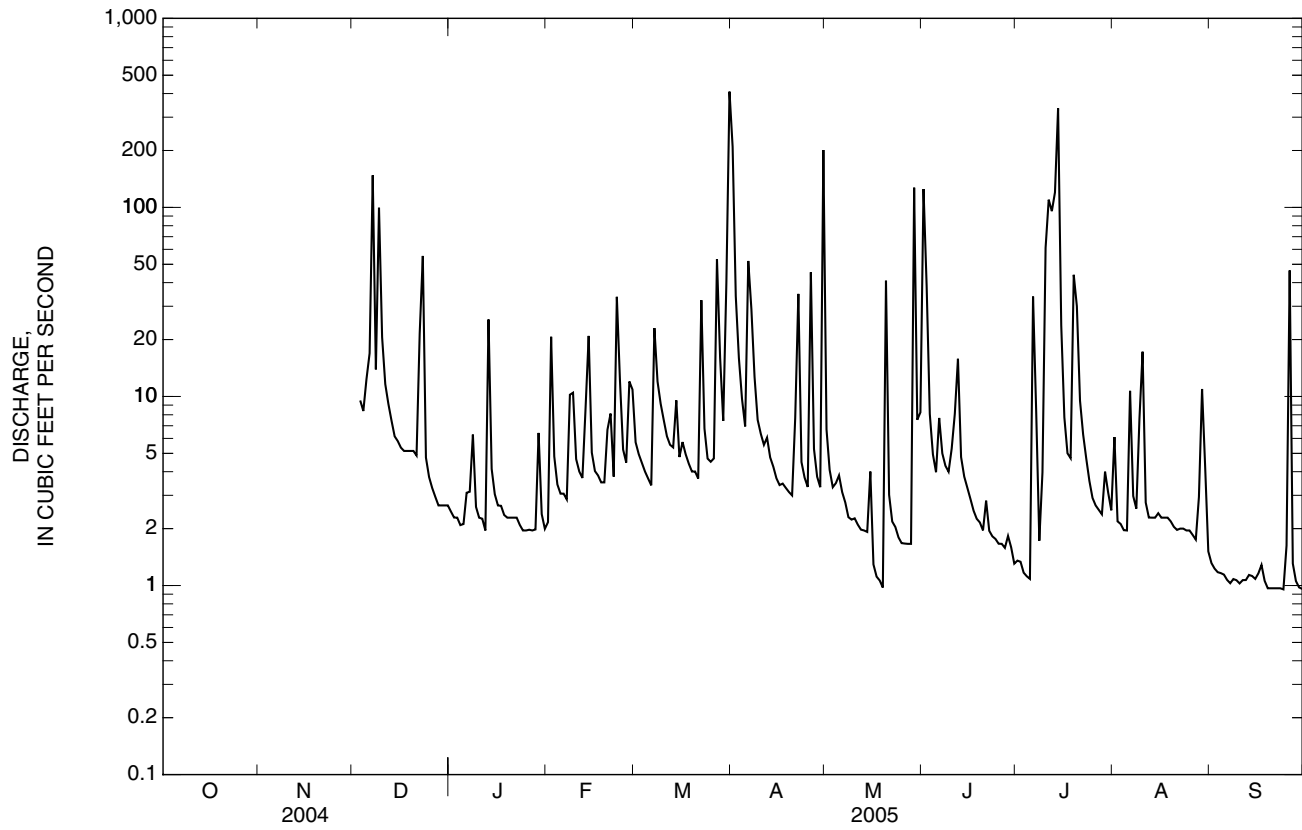
Minimum discharge, 0.79 ft³/s, Sept. 24, 30, gage height, 2.21 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	2.5	2.2	5.7	209	6.7	125	1.4	e6.1	1.3
2	---	---	---	2.3	21	5.0	34	4.1	38	1.3	2.2	1.2
3	---	---	9.5	2.3	4.8	4.5	16	3.3	8.1	1.2	2.1	1.2
4	---	---	8.4	2.1	3.4	4.0	9.7	3.5	4.9	1.1	2.0	1.2
5	---	---	12	2.1	3.1	3.7	6.9	3.8	4.0	1.1	2.0	1.1
6	---	---	17	3.1	3.1	3.4	52	3.1	e7.7	34	11	1.1
7	---	---	148	3.1	2.9	e23	29	2.7	e5.0	8.3	3.0	1.0
8	---	---	14	6.3	10	e12	13	2.3	e4.3	1.7	2.6	1.1
9	---	---	100	2.6	10	9.2	7.5	2.2	e4.0	4.0	7.6	1.1
10	---	---	21	2.3	4.7	7.5	6.3	2.3	e5.3	61	17	1.0
11	---	---	12	2.3	4.0	6.2	5.5	2.1	8.1	110	2.7	1.1
12	---	---	9.1	2.0	3.7	5.6	6.1	2.0	16	96	2.3	1.1
13	---	---	7.5	26	8.6	5.4	4.8	2.0	4.8	120	2.3	1.1
14	---	---	6.2	4.1	21	9.5	4.3	1.9	3.8	334	2.3	1.1
15	---	---	5.8	3.0	5.1	4.8	3.7	4.0	3.3	24	2.4	1.1
16	---	---	5.4	2.7	4.0	5.7	3.4	1.3	2.9	7.8	2.3	1.2
17	---	---	5.2	2.6	3.8	4.9	3.5	1.1	2.5	5.0	2.3	1.3
18	---	---	5.2	2.4	3.5	4.4	3.3	1.1	2.3	4.7	2.3	1.1
19	---	---	5.2	2.3	3.5	4.0	3.1	0.98	2.2	e44	2.2	0.97
20	---	---	5.2	2.3	6.7	4.0	3.0	41	2.0	e30	2.0	0.97
21	---	---	4.9	2.3	8.1	3.7	7.7	3.0	2.8	e9.5	2.0	0.97
22	---	---	22	2.3	3.8	32	35	2.2	1.9	e6.3	e2.0	0.97
23	---	---	55	2.1	34	6.8	4.5	2.0	1.8	4.7	e2.0	0.97
24	---	---	4.8	2.0	12	4.7	3.7	1.8	1.8	3.6	2.0	0.95
25	---	---	3.7	2.0	5.2	4.5	3.3	1.7	1.7	2.9	2.0	1.6
26	---	---	3.3	2.0	4.5	4.7	45	1.7	1.7	2.7	1.9	46
27	---	---	2.9	2.0	e12	53	5.3	1.7	1.6	2.5	1.8	1.3
28	---	---	2.7	2.0	11	16	3.8	1.7	1.8	2.4	2.9	1.1
29	---	---	2.7	6.4	---	7.4	3.3	127	1.6	e4.0	11	0.98
30	---	---	2.7	2.4	---	40	201	7.5	1.3	e3.1	4.2	0.96
31	---	---	2.7	2.0	---	410	---	8.2	---	e2.5	1.5	---
TOTAL	---	---	---	105.9	219.7	715.3	736.7	249.98	272.2	934.8	112.0	78.14
MEAN	---	---	---	3.42	7.85	23.1	24.6	8.06	9.07	30.2	3.61	2.60
MAX	---	---	---	26	34	410	209	127	125	334	17	46
MIN	---	---	---	2.0	2.2	3.4	3.0	0.98	1.3	1.1	1.5	0.95
CFSM	---	---	---	1.10	2.52	7.42	7.90	2.59	2.92	9.70	1.16	0.84
IN.	---	---	---	1.27	2.63	8.56	8.81	2.99	3.26	11.18	1.34	0.93

e Estimated

02456998 BARTON BRANCH NEAR TARRANT CITY, AL—Continued



02457000 FIVEMILE CREEK AT KETONA, AL

LOCATION.--Lat 33°36'05", long 86°45'20", in NW ¼ sec. 33, T. 16 S., T. 2 W., Jefferson County, Hydrologic Unit 03160111, near center of stream on downstream side of foot bridge at Ketona, 0.6 mi downstream from Barton Branch, 0.9 mi downstream from Tarrant Spring Branch, 2 mi north of Tarrant City, and at mile 35.2.

DRAINAGE AREA.--23.9 mi².

PERIOD OF RECORD.--October 1953 to September 1958. October 1958 to November 1974 (annual maximums only). December 1974 to September 1979. May 1996 to current year.

GAGE.--Water-stage recorder. Datum of gage is 546.70 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,700 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1700	2,830	9.83	Jul 14	2015	*4,440	*13.75
Nov 24	0900	3,130	10.57	Jul 19	1830	2,960	10.15
Mar 31	0730	2,030	7.76	Jul 20	1845	1,860	7.28
Apr 30	0715	1,730	6.90				

Minimum discharge, 8.3 ft³/s, Oct. 8, 17, 18, 19, gage height, 0.48 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	11	88	23	19	40	429	49	236	15	41	14
2	10	12	54	22	42	35	147	37	80	15	24	13
3	10	73	47	21	28	32	89	31	49	15	21	13
4	9.4	58	43	21	24	29	67	28	36	15	21	12
5	9.0	21	47	20	23	27	53	26	35	15	22	12
6	9.0	17	57	22	22	25	95	24	75	66	28	11
7	8.7	15	233	21	21	141	117	23	43	49	34	11
8	8.8	14	70	34	38	79	69	21	33	20	24	11
9	9.2	12	199	22	38	50	53	21	27	59	25	11
10	9.4	12	97	21	29	44	45	20	28	120	26	11
11	9.8	117	66	20	26	36	41	20	35	237	20	11
12	9.2	56	52	20	25	32	42	19	56	110	20	11
13	9.3	30	43	59	28	30	35	19	31	157	19	11
14	9.0	23	37	35	65	42	32	19	26	612	19	11
15	9.0	20	33	27	34	28	29	33	23	155	19	10
16	8.7	18	31	25	31	29	28	22	21	68	19	10
17	8.4	17	29	23	29	26	27	20	20	46	22	12
18	8.3	15	27	22	27	23	26	20	19	50	20	11
19	161	17	26	22	26	22	24	19	18	361	19	10
20	35	16	25	22	28	22	24	43	17	262	19	10
21	16	271	24	22	42	21	38	24	19	95	19	9.9
22	14	633	43	21	26	120	64	20	17	55	16	9.8
23	16	225	100	19	55	46	30	19	16	40	14	9.8
24	40	1,020	36	19	59	31	25	18	16	32	16	9.8
25	15	142	32	19	35	28	23	18	16	29	14	10
26	14	85	29	19	31	26	83	18	15	26	14	70
27	16	142	27	18	e62	78	33	18	15	25	13	13
28	14	75	26	18	e51	57	27	17	20	23	14	12
29	13	58	25	27	---	38	24	184	17	30	23	11
30	12	75	24	20	---	42	260	46	15	25	31	11
31	11	---	23	19	---	608	---	33	---	21	15	---
TOTAL	543.2	3,300	1,693	723	964	1,887	2,079	929	1,074	2,848	651	392.3
MEAN	17.5	110	54.6	23.3	34.4	60.9	69.3	30.0	35.8	91.9	21.0	13.1
MAX	161	1,020	233	59	65	608	429	184	236	612	41	70
MIN	8.3	11	23	18	19	21	23	17	15	15	13	9.8
CFSM	0.73	4.60	2.29	0.98	1.44	2.55	2.90	1.25	1.50	3.84	0.88	0.55
IN.	0.85	5.14	2.64	1.13	1.50	2.94	3.24	1.45	1.67	4.43	1.01	0.61

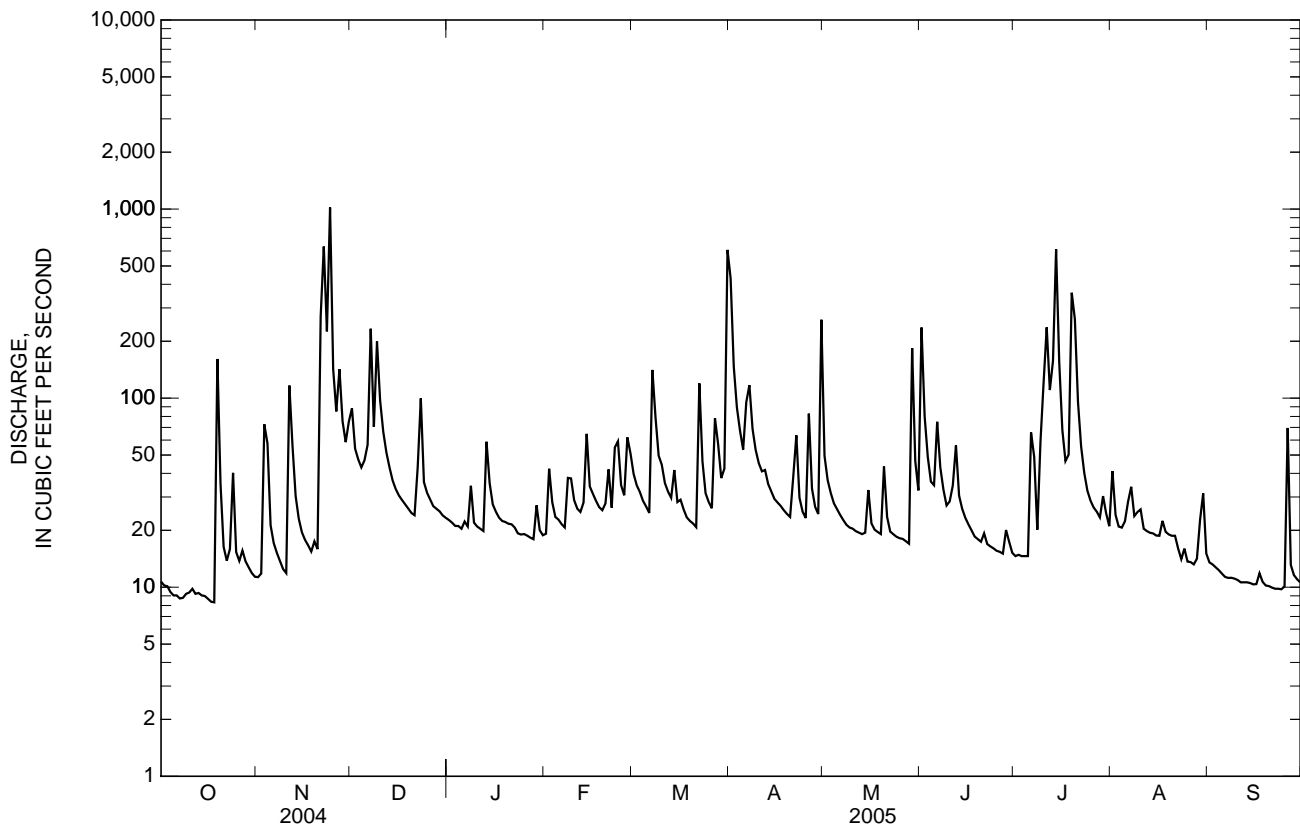
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

	MEAN	19.9	26.7	30.8	49.8	53.5	76.4	64.7	45.9	31.9	20.1	26.0
MAX	106	110	62.2	118	101	235	210	288	82.6	91.9	58.6	72.4
(WY)	(1978)	(2005)	(2003)	(1975)	(1975)	(1976)	(1979)	(2003)	(1997)	(2005)	(1998)	(1979)
MIN	5.56	8.71	9.67	8.40	18.9	31.7	17.1	15.2	12.0	9.68	9.14	5.90
(WY)	(2001)	(1955)	(2001)	(1956)	(2000)	(2004)	(2004)	(2000)	(1954)	(1954)	(1954)	(2000)

02457000 FIVEMILE CREEK AT KETONA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1954 - 2005	
ANNUAL TOTAL	14,817.4		17,083.5		39.1	
ANNUAL MEAN	40.5		46.8		62.4	
HIGHEST ANNUAL MEAN					20.6	
LOWEST ANNUAL MEAN					3,980	
HIGHEST DAILY MEAN	1,330	Sep 16	1,020	Nov 24	May 7, 2003	2003
LOWEST DAILY MEAN	8.1	Sep 6	8.3	Oct 18	Oct 21, 2000	1954
ANNUAL SEVEN-DAY MINIMUM	8.8	Oct 12	8.8	Oct 12	Oct 18, 2000	
MAXIMUM PEAK FLOW			4,440	Jul 14	16,700	May 7, 2003
MAXIMUM PEAK STAGE			13.75	Jul 14	19.14	May 7, 2003
ANNUAL RUNOFF (CFSM)	1.69		1.96		1.64	
ANNUAL RUNOFF (INCHES)	23.06		26.59		22.22	
10 PERCENT EXCEEDS	66		79		66	
50 PERCENT EXCEEDS	17		24		19	
90 PERCENT EXCEEDS	10		11		8.5	

e Estimated



02457595 FIVEMILE CREEK NEAR REPUBLIC, AL

LOCATION.--Lat 33°35'49", long 86°52'05", in SE 1/4 sec. 32, T. 16 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on left bank 1,000 ft upstream from Fivemile Creek Wastewater Treatment Plant, 1.1 mi downstream from Coalburg Road bridge, 1.2 mi southeast of Republic, and at mile 24.8.

DRAINAGE AREA.--51.9 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1988 to current year.

REVISED RECORDS.--WDR AL-01-1: 2000 (P).

GAGE.--Water-stage recorder. Datum of gage is 396.08 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	2000	5,910	11.81	Jul 15	0015	5,240	11.03
Nov 24	0845	*6,950	*12.95	Jul 19	2115	3,780	9.12
Mar 31	1000	4,080	9.55				

Minimum discharge, 19 ft³/s, Oct. 17, 18, gage height, 1.22 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

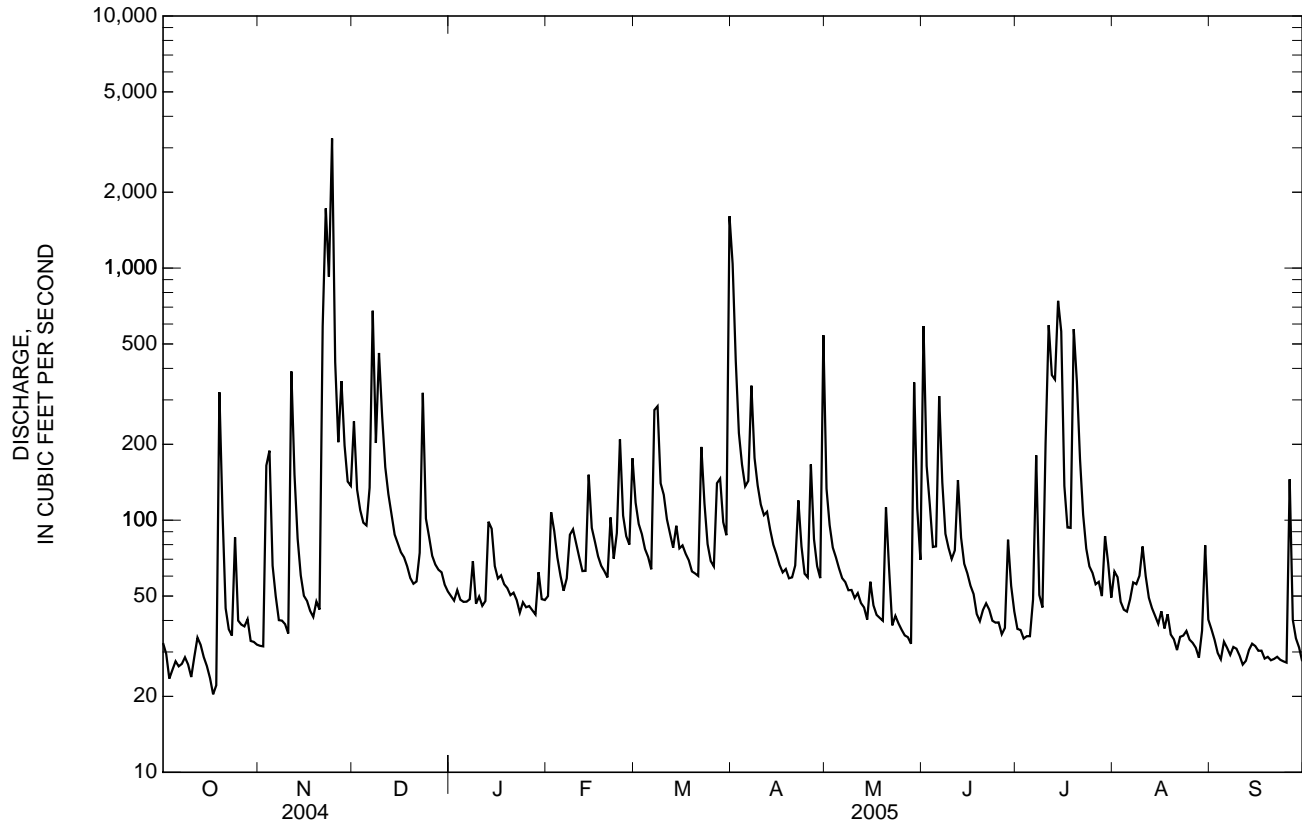
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33	32	247	50	50	117	1,040	133	589	37	63	37
2	29	32	132	48	108	97	428	96	164	37	59	34
3	24	165	110	53	90	88	221	78	115	34	47	30
4	25	189	98	48	71	77	166	71	78	35	44	28
5	28	66	95	47	60	71	136	64	79	35	43	33
6	26	50	135	47	52	64	143	59	311	48	48	31
7	27	40	677	49	59	274	342	57	141	181	57	29
8	29	40	202	69	88	283	177	53	88	50	56	31
9	27	39	461	47	92	140	137	53	78	45	60	31
10	24	36	260	50	81	126	115	49	70	202	79	29
11	29	389	162	46	71	101	105	51	76	594	60	27
12	34	152	127	48	63	88	108	47	144	376	49	28
13	32	84	106	99	63	78	92	45	85	361	45	31
14	29	60	88	92	152	95	80	40	67	742	42	32
15	26	50	81	66	93	77	73	57	62	561	39	32
16	24	48	75	59	82	79	67	46	55	137	44	30
17	20	44	71	60	72	74	62	42	51	94	37	30
18	22	41	66	56	66	69	64	41	42	93	42	28
19	322	48	59	54	63	63	59	40	40	573	35	29
20	107	44	56	50	59	61	59	112	44	355	34	28
21	45	587	57	52	103	60	66	64	47	175	31	28
22	37	1,730	74	48	70	195	120	38	44	105	34	29
23	35	924	320	43	89	117	79	42	40	77	35	28
24	86	3,270	101	47	209	80	61	39	39	66	36	28
25	40	424	86	45	104	69	59	37	39	62	34	27
26	39	204	72	46	86	66	166	35	35	56	33	145
27	38	356	67	44	80	140	84	34	37	57	31	40
28	40	198	64	42	176	146	66	32	84	50	28	34
29	33	142	62	62	---	98	59	352	55	86	36	31
30	33	137	55	49	---	87	542	111	44	68	80	28
31	32	---	52	48	---	1,610	---	70	---	49	40	---
TOTAL	1,375	9,621	4,318	1,664	2,452	4,790	4,976	2,088	2,843	5,441	1,401	1,026
MEAN	44.4	321	139	53.7	87.6	155	166	67.4	94.8	176	45.2	34.2
MAX	322	3,270	677	99	209	1,610	1,040	352	589	742	80	145
MIN	20	32	52	42	50	60	59	32	35	34	28	27
CFSM	0.85	6.18	2.68	1.03	1.69	2.98	3.20	1.30	1.83	3.38	0.87	0.66
IN.	0.99	6.90	3.09	1.19	1.76	3.43	3.57	1.50	2.04	3.90	1.00	0.74

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

MEAN	54.3	85.5	85.6	146	148	184	123	107	69.3	74.0	45.5	58.3
MAX	271	321	199	338	379	433	304	658	177	197	119	157
(WY)	(1996)	(2005)	(2003)	(1996)	(1990)	(1996)	(2000)	(2003)	(1997)	(1989)	(1992)	(2004)
MIN	18.7	28.9	31.5	49.1	61.3	72.6	48.0	27.1	19.1	25.5	20.3	18.5
(WY)	(2001)	(1991)	(2001)	(1991)	(2000)	(1992)	(1990)	(1992)	(1988)	(1988)	(1988)	(2000)

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	41,706		41,995		98.7	
ANNUAL MEAN	114		115		158	
HIGHEST ANNUAL MEAN					58.7	
LOWEST ANNUAL MEAN					6,600	
HIGHEST DAILY MEAN	4,860	Feb 6	3,270	Nov 24	24,200	May 7, 2003
LOWEST DAILY MEAN	20	Oct 17	20	Oct 17	14	Aug 15, 1988
ANNUAL SEVEN-DAY MINIMUM	27	Oct 3	27	Oct 3	15	Oct 12, 2000
MAXIMUM PEAK FLOW			6,950	Nov 24	25.41	May 7, 2003
MAXIMUM PEAK STAGE			12.95	Nov 24	1.90	
ANNUAL RUNOFF (CFSM)	2.20		2.22		25.85	
ANNUAL RUNOFF (INCHES)	29.89		30.10		170	
10 PERCENT EXCEEDS	171		196		49	
50 PERCENT EXCEEDS	45		60		23	
90 PERCENT EXCEEDS	29		31			



02457595 FIVEMILE CREEK NEAR REPUBLIC, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1988 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1988 to current year.

WATER TEMPERATURES: October 1988 to current year.

DISSOLVED OXYGEN: October 1988 to current year.

INSTRUMENTATION.--Water-quality monitor since September 1988.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 1,790 $\mu\text{S}/\text{cm}$, Nov. 7, 1998; minimum, 69 $\mu\text{S}/\text{cm}$, Sept. 16, 2004.

WATER TEMPERATURES: Maximum, 30.2°C, July 25, 1993; minimum, 0°C, Dec. 23, 24, 1989.

DISSOLVED OXYGEN: Maximum, 18.3 mg/L, Nov. 22, 2001; minimum, 2.4 mg/L, May 1, 2000, Sept. 13, 16, 2001.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 734 $\mu\text{S}/\text{cm}$, Nov. 9; minimum, 80 $\mu\text{S}/\text{cm}$, Nov. 24.

WATER TEMPERATURE: Maximum, 30.1°C, Aug. 20; minimum, 4.2°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 17.2 mg/L, Jan. 25, 26; minimum, 3.0 mg/L, Sept. 30.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	631	595	613	657	593	629	395	330	369	528	484	510
2	637	598	616	629	588	600	437	395	424	526	509	513
3	650	586	621	643	284	479	472	435	451	527	492	514
4	617	573	599	391	298	331	499	469	480	546	518	531
5	624	580	606	525	391	462	499	457	489	555	518	538
6	612	590	597	632	525	581	467	417	432	556	513	542
7	617	596	608	637	610	626	446	163	296	558	494	528
8	632	588	600	722	633	665	392	302	350	545	426	486
9	643	603	624	734	688	710	392	183	303	508	465	489
10	617	592	605	696	657	682	366	275	325	540	501	526
11	608	571	595	657	230	365	405	366	388	573	540	553
12	619	558	588	426	330	396	425	403	415	571	531	554
13	626	590	611	480	426	460	452	425	441	570	335	522
14	601	586	592	526	480	504	483	452	470	413	321	364
15	648	601	616	561	526	541	498	475	488	472	413	456
16	648	604	626	603	561	588	503	488	493	490	469	482
17	656	614	638	638	590	608	512	493	505	527	490	514
18	626	607	617	640	589	614	531	506	520	547	524	532
19	609	147	482	641	611	624	531	521	525	576	536	562
20	425	175	312	641	598	619	539	528	535	560	527	540
21	530	425	484	650	105	367	550	533	543	552	510	529
22	581	525	547	337	85	177	562	446	539	551	519	534
23	612	567	585	168	125	155	446	224	295	562	540	549
24	594	340	409	184	80	127	428	363	403	562	529	542
25	512	387	454	255	172	216	458	426	448	596	562	579
26	573	512	543	304	246	273	464	452	461	592	551	562
27	583	551	575	---	---	---	484	463	474	582	552	569
28	577	532	557	---	---	---	516	484	502	582	551	563
29	579	550	565	---	---	---	514	496	505	556	458	515
30	606	576	586	---	---	---	525	503	514	546	458	500
31	655	604	621	---	---	---	528	512	522	552	529	543
MONTH	656	147	571	734	80	477	562	163	449	596	321	524

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	590	552	578	416	369	396	246	157	208	254	201	233
2	585	360	444	438	416	425	308	196	269	282	251	268
3	470	377	439	466	438	452	346	308	326	289	277	284
4	518	470	505	485	460	472	374	346	361	296	275	286
5	528	503	517	495	469	489	417	374	392	311	295	303
6	522	500	514	525	476	492	439	354	425	326	303	317
7	549	511	527	498	161	443	354	193	274	332	314	321
8	549	426	502	311	161	245	381	347	363	479	332	379
9	464	449	457	387	312	358	423	381	396	572	479	533
10	477	447	461	436	392	412	443	414	429	588	551	564
11	511	477	500	451	436	444	465	440	451	573	540	556
12	530	498	519	473	449	463	466	447	457	588	531	557
13	518	495	508	491	459	475	486	459	475	596	539	570
14	495	346	393	469	422	447	488	463	477	605	542	574
15	454	399	426	476	439	459	499	467	486	605	468	544
16	464	446	453	493	468	485	523	499	510	530	469	494
17	492	462	479	493	468	482	515	483	499	604	526	577
18	512	478	492	513	488	506	534	486	514	593	548	573
19	533	509	523	515	493	501	548	512	528	629	561	589
20	525	488	507	535	498	511	581	511	540	643	231	531
21	488	399	435	519	472	496	587	516	561	479	267	396
22	498	449	478	545	186	410	524	308	426	554	476	527
23	505	395	488	388	243	331	456	319	405	574	531	552
24	395	270	332	423	388	409	517	456	489	611	566	593
25	432	395	422	473	423	455	552	516	528	602	562	584
26	466	429	447	486	465	477	576	256	452	623	573	601
27	488	463	476	475	311	408	439	277	382	619	570	595
28	369	268	319	377	283	328	510	439	488	633	570	593
29	---	---	---	442	377	405	526	483	516	617	156	363
30	---	---	---	459	396	445	525	117	251	400	289	356
31	---	---	---	396	110	194	---	---	---	481	400	441
MONTH	590	268	469	545	110	430	587	117	429	643	156	473
	JUNE			JULY			AUGUST			SEPTEMBER		
1	442	123	230	583	520	554	560	491	531	567	524	545
2	337	249	296	576	541	563	491	376	404	577	546	561
3	388	290	338	575	541	562	534	441	510	584	557	570
4	478	383	433	583	537	563	564	505	532	591	564	574
5	---	---	---	596	555	575	580	517	556	592	558	569
6	476	214	328	605	477	582	554	457	525	621	569	596
7	428	336	378	477	200	272	547	428	474	621	581	604
8	469	428	449	446	340	401	506	446	472	607	576	590
9	496	467	481	486	446	470	540	391	498	605	586	595
10	510	492	503	475	212	291	492	299	419	624	596	612
11	514	462	495	269	162	207	500	340	451	633	605	619
12	464	345	392	---	---	---	553	498	530	692	607	637
13	467	396	426	---	---	---	553	534	545	689	603	622
14	490	463	480	---	---	---	562	532	550	627	593	604
15	513	487	500	---	---	---	614	532	577	629	606	614
16	538	513	532	---	---	---	586	465	544	621	563	598
17	557	532	542	---	---	---	578	458	538	625	598	612
18	564	537	552	478	403	459	569	519	545	626	597	613
19	544	514	532	454	108	369	599	526	569	609	589	595
20	575	514	552	381	139	295	598	557	580	635	593	618
21	581	526	554	398	174	320	599	585	591	622	602	613
22	579	516	550	451	398	420	592	560	578	642	581	607
23	589	527	559	478	450	463	633	569	598	650	623	633
24	583	535	558	485	465	471	616	571	595	650	607	629
25	613	539	574	516	482	502	616	570	599	642	604	621
26	619	562	589	532	474	512	614	585	599	604	257	365
27	573	541	559	518	426	488	640	577	602	496	347	441
28	623	340	524	549	491	521	611	594	600	554	484	522
29	509	370	465	559	227	504	595	548	570	573	545	559
30	559	509	534	479	260	417	568	404	465	582	539	554
31	---	---	---	509	475	498	528	445	486	---	---	---
MONTH	623	123	479	605	108	451	640	299	537	692	257	583
YEAR	734	80	490									

MOBILE RIVER BASIN

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	22.1	18.1	20.1	22.6	20.2	21.3	14.8	11.5	13.2	14.4	11.8	13.1
2	22.5	19.5	21.0	22.3	21.0	21.5	11.7	10.2	11.0	15.8	13.4	14.4
3	23.7	20.7	22.0	21.4	20.7	21.1	11.7	9.5	10.6	15.9	13.0	14.3
4	22.0	18.3	20.2	21.1	18.0	19.9	12.3	10.0	11.0	15.9	13.5	14.6
5	22.1	18.8	20.3	18.0	15.0	16.8	12.1	10.5	11.3	14.9	13.1	14.0
6	22.2	18.6	20.4	16.4	13.4	14.8	14.4	12.1	13.3	15.4	14.2	15.0
7	21.8	19.6	20.7	16.8	13.2	14.9	16.5	14.4	15.6	15.2	13.5	14.2
8	20.8	19.4	20.1	16.5	14.0	15.0	14.7	13.0	13.9	15.8	12.8	14.8
9	20.5	19.6	20.0	15.8	12.9	14.2	16.3	14.0	15.3	13.7	11.1	12.2
10	20.4	19.8	20.1	15.2	12.7	13.9	15.8	13.5	14.7	14.1	11.2	12.6
11	21.4	20.0	20.6	15.3	14.3	14.6	13.5	11.9	12.4	16.3	13.4	14.8
12	22.7	21.0	21.7	17.0	15.3	16.2	12.8	11.4	12.0	16.4	15.4	15.8
13	21.9	18.7	20.0	16.1	15.3	15.7	12.4	10.2	11.4	16.0	14.7	15.6
14	18.7	17.2	18.0	15.8	13.3	14.7	10.2	7.8	9.1	14.7	10.7	12.9
15	17.9	15.3	16.5	14.6	12.2	13.3	8.8	6.7	7.6	11.7	9.6	10.5
16	17.3	14.1	15.7	14.7	11.8	13.2	9.4	6.4	7.8	10.8	7.7	9.3
17	18.2	15.0	16.6	15.5	12.4	13.9	10.9	8.5	9.5	8.4	6.1	7.0
18	19.8	17.1	18.4	15.2	13.5	14.5	10.6	8.1	9.2	7.8	4.9	6.1
19	20.0	19.0	19.7	15.8	14.5	15.1	9.7	7.0	8.6	7.3	5.1	6.2
20	20.2	19.0	19.5	16.9	15.8	16.3	7.5	5.5	6.5	9.3	5.5	7.3
21	21.2	19.9	20.4	16.4	15.8	16.1	10.1	6.2	8.1	11.5	7.3	9.2
22	21.6	20.0	20.7	16.8	16.1	16.4	11.7	9.4	10.5	12.5	8.9	10.6
23	20.6	19.6	20.1	17.8	16.6	17.2	11.8	7.6	9.9	8.9	5.6	6.9
24	21.6	19.6	20.3	18.2	16.9	17.7	7.6	6.4	6.9	7.8	4.2	5.9
25	21.2	18.5	19.8	16.9	13.6	15.1	7.1	5.6	6.4	9.5	5.4	7.3
26	21.8	19.0	20.4	13.9	12.4	13.2	8.2	5.8	6.9	12.4	8.1	10.1
27	22.1	19.8	20.9	13.1	12.0	12.5	8.4	5.8	6.9	11.5	8.8	10.1
28	22.8	20.7	21.7	13.8	12.5	13.1	8.9	6.1	7.3	9.9	8.2	9.2
29	23.1	20.8	21.9	13.9	12.1	13.1	10.2	6.9	8.5	8.2	7.6	7.8
30	22.0	20.6	21.3	15.4	13.8	14.5	11.8	8.8	10.3	9.0	8.0	8.5
31	22.0	20.3	21.1	---	---	---	13.4	10.6	12.0	10.2	8.5	9.4
MONTH	23.7	14.1	20.0	22.6	11.8	15.7	16.5	5.5	10.2	16.4	4.2	11.0
FEBRUARY			MARCH			APRIL			MAY			
1	10.7	9.8	10.2	11.5	9.2	10.3	17.6	15.9	16.7	18.6	14.6	16.5
2	10.1	9.0	9.3	11.4	7.7	9.5	16.7	14.1	15.3	18.4	14.5	16.4
3	9.9	9.0	9.4	12.2	9.7	10.6	17.1	12.6	14.8	18.4	14.7	16.5
4	11.3	8.2	9.6	13.2	8.7	10.9	18.1	13.7	15.9	18.5	14.0	16.4
5	11.8	7.7	9.6	15.2	10.4	12.4	19.6	15.4	17.3	19.5	15.4	17.4
6	11.7	8.4	10.1	13.9	10.3	12.1	17.5	15.8	16.4	20.3	15.9	18.1
7	13.3	9.8	11.6	12.9	10.0	11.4	17.7	16.0	16.8	21.3	16.0	18.7
8	13.8	13.0	13.4	13.5	11.2	12.3	16.8	15.7	16.2	22.4	16.9	19.7
9	14.2	13.2	13.8	11.2	9.8	10.6	20.3	15.1	17.4	21.6	18.2	20.1
10	13.2	9.6	11.5	13.2	10.2	11.4	20.9	16.6	18.7	23.0	18.8	20.9
11	11.5	7.9	9.6	14.3	10.9	12.2	19.3	17.7	18.5	24.6	19.2	21.9
12	12.1	8.0	10.1	15.9	10.5	13.0	20.6	17.4	18.7	25.3	20.6	22.9
13	12.5	10.9	11.7	17.6	12.6	15.1	18.2	16.4	17.3	24.8	20.7	22.9
14	14.7	12.3	13.3	17.2	13.8	15.2	18.2	15.2	16.4	24.5	20.9	22.7
15	14.6	11.9	13.3	15.0	12.1	13.6	20.0	14.0	16.9	23.5	21.0	22.2
16	15.0	13.3	14.2	13.7	12.0	12.7	20.5	15.2	17.7	22.4	18.2	20.5
17	13.6	10.7	12.3	12.0	11.4	11.7	20.8	15.1	17.9	23.0	17.8	20.5
18	12.7	8.7	10.6	14.7	10.3	12.3	21.4	15.8	18.5	23.6	19.1	21.5
19	11.6	9.3	10.6	13.2	10.9	12.2	21.5	16.3	18.8	24.2	20.1	22.3
20	12.4	11.2	11.8	15.3	11.7	13.5	22.1	16.4	19.2	24.1	21.4	22.6
21	16.2	12.4	14.4	16.6	13.5	14.9	21.1	17.5	19.4	24.6	20.1	22.2
22	17.1	14.3	15.5	15.3	14.1	14.6	19.8	18.0	18.9	24.5	20.5	22.6
23	15.9	13.1	14.5	15.8	13.9	14.8	18.7	16.4	17.8	25.6	21.8	23.7
24	14.1	13.0	13.7	18.0	12.9	15.3	18.2	13.7	15.8	26.1	21.7	23.8
25	14.4	11.3	12.7	19.8	14.0	16.8	16.1	12.8	14.7	24.4	20.3	22.5
26	13.1	10.0	11.7	20.8	15.5	18.1	15.8	14.3	15.0	24.0	19.2	21.7
27	12.0	11.1	11.5	19.2	17.6	18.5	18.7	13.8	16.1	24.7	19.8	22.3
28	11.4	10.6	11.0	17.6	13.6	15.2	18.7	13.9	16.5	24.8	21.5	23.1
29	---	---	---	17.8	12.1	14.9	20.3	17.0	18.6	23.2	19.2	20.4
30	---	---	---	19.1	14.3	16.8	19.4	16.4	17.9	19.6	18.7	19.1
31	---	---	---	17.7	16.5	17.0	---	---	---	20.3	19.0	19.6
MONTH	17.1	7.7	11.8	20.8	7.7	13.5	22.1	12.6	17.2	26.1	14.0	20.7

02457595 FIVEMILE CREEK NEAR REPUBLIC, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	13.2	8.3	9.9	11.8	7.5	8.8	10.4	10.2	10.3	14.1	10.2	11.6
2	13.1	8.1	9.8	10.9	7.4	8.5	10.9	10.4	10.6	14.4	10.0	11.3
3	13.0	7.9	9.4	8.4	7.4	7.9	11.1	10.5	10.7	14.6	9.9	11.4
4	12.9	7.9	9.6	8.9	8.3	8.6	10.9	10.3	10.5	14.7	9.8	11.3
5	13.7	8.4	10.1	10.5	8.8	9.5	10.8	10.1	10.4	13.7	9.7	11.1
6	13.4	8.7	10.2	11.2	9.5	10.1	10.1	9.4	9.7	13.3	9.4	10.6
7	12.9	8.7	10.2	11.4	9.2	10.1	9.6	8.9	9.1	13.0	9.3	10.5
8	13.3	8.8	10.4	11.7	9.2	10.1	10.5	9.6	10.1	12.7	9.1	10.3
9	11.7	8.7	9.7	12.6	9.8	10.7	10.1	9.5	9.7	14.4	9.7	11.3
10	11.1	8.7	9.5	13.3	9.9	11.1	10.2	9.5	9.8	14.3	9.4	11.2
11	11.4	8.6	9.5	10.4	9.8	10.2	10.8	10.2	10.5	14.3	8.7	10.5
12	11.0	8.0	9.1	10.0	9.4	9.8	11.0	10.5	10.7	12.3	8.6	9.7
13	10.0	7.8	8.7	10.8	9.7	10.1	11.3	10.5	10.9	10.3	8.5	9.2
14	12.4	8.7	10	11.6	9.8	10.5	12.1	11.0	11.7	12.5	9.2	10.5
15	12.7	8.9	10.1	12.2	10.4	11.1	12.6	11.9	12.2	13.8	10.3	11.5
16	13.9	9.3	10.9	12.1	10.1	10.9	12.7	11.6	12.2	14.0	10.4	11.6
17	13.8	9.2	10.8	12.3	9.7	10.7	12.3	11.3	11.7	14.4	11.1	12.3
18	13.3	8.6	10.3	12.2	9.6	10.5	12.5	11.3	11.7	14.8	11.7	12.6
19	9.3	8.0	8.7	11.2	9.4	10.0	12.6	11.3	11.8	14.6	11.2	12.4
20	9.1	8.3	8.8	11.7	9.0	9.9	13.4	11.9	12.6	15.0	10.6	12.2
21	9.2	8.1	8.6	9.7	5.7	8.6	13.1	11.3	12.2	15.0	9.8	11.7
22	9.8	7.9	8.6	---	---	---	11.5	10.7	11.2	14.8	9.4	11.3
23	10.3	7.8	8.7	---	---	---	11.9	10.7	11.3	16.5	9.4	12.5
24	9.4	8.0	8.5	---	---	---	13.1	11.9	12.5	16.3	10.9	12.7
25	10.2	7.8	8.7	---	---	---	13.4	12.3	12.7	17.2	10.7	12.6
26	11.0	8.0	9.0	---	---	---	13.8	12.3	12.7	17.2	9.8	12.2
27	11.1	7.9	8.9	---	---	---	13.9	12.4	12.8	17.1	9.8	12.2
28	11.2	7.7	8.9	---	---	---	14.0	12.2	12.8	15.3	10.0	11.9
29	11.8	7.3	8.9	---	---	---	13.8	11.6	12.5	13.0	10.8	11.5
30	10.5	7.2	8.4	---	---	---	13.8	11.0	12.1	15.0	10.7	12.1
31	11.1	7.4	8.6	---	---	---	14.0	10.5	11.8	16.6	10.4	12.4
MONTH	13.9	7.2	9.4	13.3	5.7	9.9	14.0	8.9	11.3	17.2	8.5	11.5
FEBRUARY			MARCH			APRIL			MAY			
1	15.4	10.0	11.8	13.9	11.2	12.3	9.9	8.1	9.2	10.1	8.5	9.2
2	11.2	10.1	10.7	14.6	11.4	12.7	9.9	8.0	9.1	10.1	8.4	9.3
3	12.6	10.7	11.3	14.3	10.7	12.2	10.8	7.7	9.2	10.1	8.6	9.2
4	14.3	10.6	11.8	14.4	10.2	11.9	10.3	9.1	9.6	10.4	8.4	9.4
5	14.9	10.5	11.9	14.4	9.6	11.5	10.2	8.5	9.4	10.4	8.3	9.2
6	15.2	10.2	11.9	15.0	9.6	11.6	10.2	8.2	9.2	10.8	7.7	9.3
7	15.0	9.4	11.5	13.9	8.3	11.0	9.3	5.1	6.7	11.6	7.3	9.6
8	11.3	9.2	9.9	10.7	7.7	9.1	8.8	6.3	7.5	12.3	7.8	9.7
9	11.0	9.3	9.8	---	---	---	9.6	6.0	7.8	11.6	7.8	9.4
10	14.0	9.5	11.3	12.3	10.1	10.9	9.0	4.8	6.7	11.7	7.7	9.2
11	14.6	10.6	11.9	11.9	9.8	10.6	9.4	4.6	8.0	11.2	7.3	8.9
12	15.0	10.1	12.0	12.2	9.1	10.5	10.4	8.5	9.4	11.5	7.2	8.7
13	12.4	9.8	10.7	12.3	8.6	10.0	10.8	8.5	9.5	11.4	7.2	8.7
14	11.8	9.6	10.3	12.4	8.7	10.1	11.7	9.0	9.9	11.8	7.2	8.8
15	13.5	9.3	10.8	13.1	9.1	10.6	12.2	8.6	10.1	9.9	6.9	8.2
16	12.1	9.2	10.2	11.2	9.2	10.0	12.6	8.5	10.0	11.2	7.5	9.0
17	14.9	9.5	11.6	12.0	9.7	10.7	13.3	8.2	10.1	11.2	7.6	9.0
18	15.2	10.8	12.4	13.4	9.5	11.2	13.2	8.1	10	11.5	7.5	8.9
19	15.3	10.7	12.4	13.4	9.5	10.9	13.3	7.9	9.9	11.4	7.2	8.8
20	14.1	10.4	11.7	14.1	9.0	11.1	12.8	7.8	9.6	10.8	5.0	8.0
21	13.0	9.3	10.8	14.2	8.7	10.8	11.6	7.8	9.3	8.9	5.0	7.6
22	14.9	9.2	11.0	10.6	8.7	9.4	9.5	7.8	8.3	10.1	7.3	8.4
23	15.2	9.2	11.4	---	---	---	9.9	8.1	8.9	10.4	7.3	8.4
24	11.2	9.8	10.4	---	---	---	12.3	8.6	10	10.5	7.3	8.4
25	13.4	10.2	11.4	12.6	8.7	10.3	12.2	8.9	10.3	11.1	7.3	8.8
26	14.4	10.6	12.0	13.0	8.4	10.2	10.0	9.1	9.4	11.2	7.6	9.0
27	13.1	10.6	11.6	10.8	8.4	9.3	10.9	8.7	9.6	11.5	7.3	8.9
28	11.8	11.1	11.4	11.1	8.9	9.9	11.2	8.5	9.7	11.1	7.2	8.6
29	---	---	---	12.8	9.3	10.8	11.0	8.1	9.3	8.7	7.2	8.2
30	---	---	---	13.0	8.8	10.4	8.8	5.8	8.1	9.1	8.5	8.8
31	---	---	---	9.6	8.0	9.2	---	---	---	9.2	8.4	8.7
MONTH	15.4	9.2	11.3	15.0	7.7	10.7	13.3	4.6	9.1	12.3	5.0	8.8

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL

LOCATION.--Lat 33°38'32", long 86°57'15", in NW 1/4 sec. 22, T. 16 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, on left bank 0.2 mi downstream of Prudes Creek, 1.4 mi east of Graysville, and at mile 12.5.

DRAINAGE AREA.--91.7 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 340 ft above NGVD of 1929 (from topographic map).

REMARKS.--Estimated daily discharges: Feb. 26-28, Apr. 28, May 3-5. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 23	0015	8,250	14.19	Mar 31	1200	6,450	12.81
Nov 24	1145	*15,300	*18.55				

Minimum discharge, 32 ft³/s, on several days, gage height, 0.48 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	61	50	605	110	82	319	1,660	360	946	66	77	56
2	58	70	401	105	202	254	1,100	218	354	68	107	48
3	50	386	336	106	210	215	590	e195	276	55	74	44
4	45	889	290	101	164	172	444	e151	183	56	71	38
5	50	249	263	96	136	147	352	e141	152	51	72	42
6	47	162	326	98	116	129	326	115	371	66	74	44
7	48	119	1,290	100	114	163	745	104	311	314	88	39
8	53	100	581	141	164	635	470	92	190	106	89	40
9	50	89	1,060	100	209	284	372	92	158	147	76	41
10	50	78	735	99	186	260	313	86	142	321	193	38
11	50	585	475	93	154	212	278	86	154	1,020	215	37
12	61	421	379	92	140	185	270	78	345	360	103	37
13	59	250	317	142	131	157	235	73	228	665	87	38
14	52	171	262	226	280	194	203	66	168	615	75	41
15	50	135	228	136	209	161	180	93	141	1,050	71	41
16	45	121	204	115	180	168	161	80	121	279	72	40
17	40	107	186	110	158	152	142	67	109	186	77	40
18	37	93	168	100	138	142	142	61	91	148	70	40
19	268	98	149	97	129	126	143	60	80	242	61	37
20	367	99	134	89	120	121	125	101	87	599	58	38
21	96	826	131	88	205	113	121	173	100	403	53	37
22	67	2,280	148	84	151	291	214	65	82	186	56	37
23	64	2,260	486	73	154	354	200	61	71	135	57	36
24	166	8,680	252	74	442	232	125	58	67	109	51	36
25	81	1,180	214	73	270	188	120	54	65	96	49	37
26	69	618	181	70	e226	165	261	49	61	80	45	196
27	66	729	160	70	e259	264	216	48	60	99	42	81
28	75	574	147	63	e387	341	e146	46	106	91	40	56
29	60	418	141	109	---	243	131	463	136	82	45	49
30	55	377	127	93	---	207	878	234	83	163	118	45
31	54	---	118	81	---	2,870	---	147	---	90	69	---
TOTAL	2,394	22,214	10,494	3,134	5,316	9,464	10,663	3,717	5,438	7,948	2,435	1,429
MEAN	77.2	740	339	101	190	305	355	120	181	256	78.5	47.6
MAX	367	8,680	1,290	226	442	2,870	1,660	463	946	1,050	215	196
MIN	37	50	118	63	82	113	120	46	60	51	40	36
CFSM	0.84	8.07	3.69	1.10	2.07	3.33	3.88	1.31	1.98	2.80	0.86	0.52
IN.	0.97	9.01	4.26	1.27	2.16	3.84	4.33	1.51	2.21	3.22	0.99	0.58

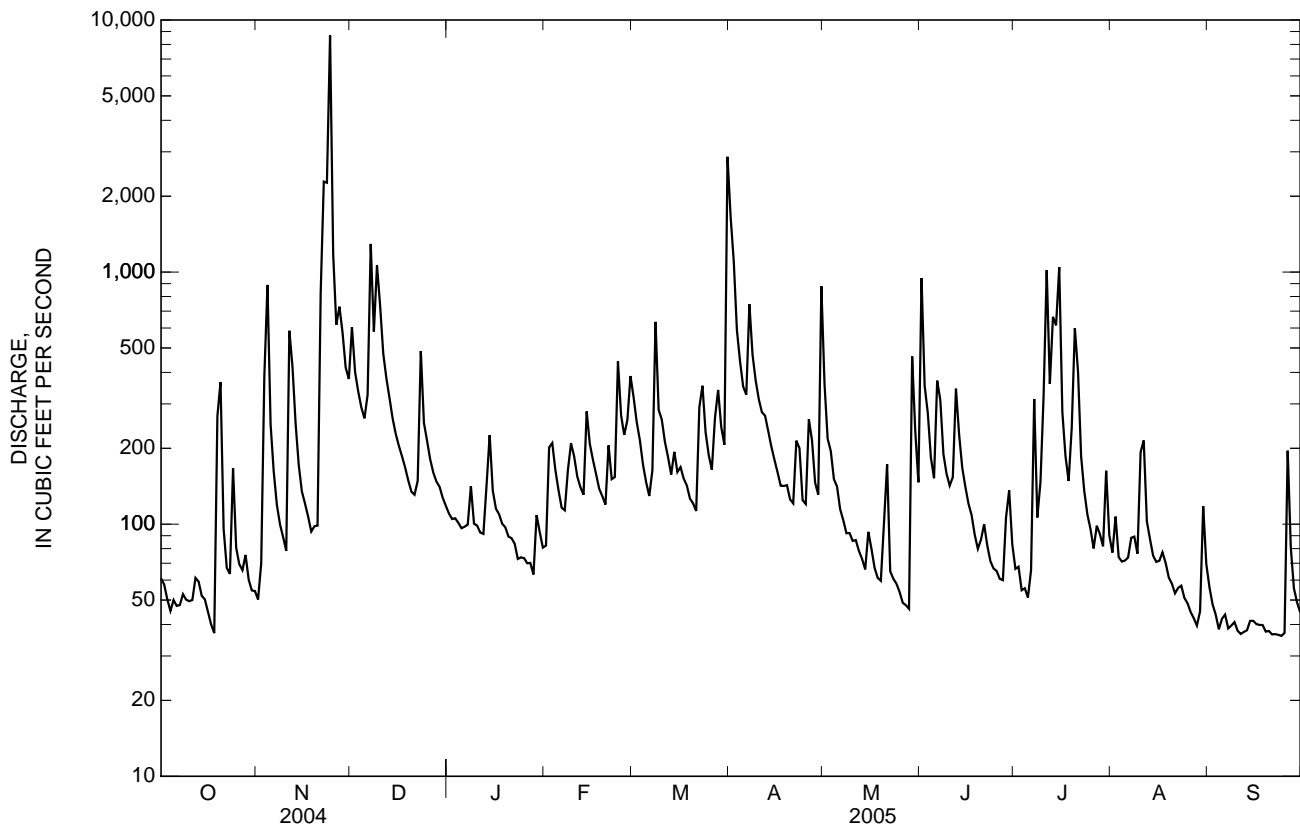
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2005, BY WATER YEAR (WY)

	73.5	181	188	273	346	384	352	291	155	144	80.0	123
MEAN	73.5	181	188	273	346	384	352	291	155	144	80.0	123
MAX	157	740	407	744	794	568	700	1,632	329	256	126	329
(WY)	(2003)	(2005)	(2003)	(1998)	(2004)	(2000)	(2001)	(2003)	(1997)	(2005)	(2003)	(2001)
MIN	35.5	42.9	56.6	101	112	224	107	65.5	54.4	39.7	51.1	34.7
(WY)	(1999)	(2000)	(2000)	(2005)	(2000)	(2004)	(2004)	(2000)	(2000)	(2000)	(1999)	(2000)

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1997 - 2005	
ANNUAL TOTAL	93,715		84,646		215	
ANNUAL MEAN	256		232		340	
HIGHEST ANNUAL MEAN					148	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	14,100	Feb 6	8,680	Nov 24	17,300	May 8, 2003
LOWEST DAILY MEAN	30	Aug 9	36	Sep 23	23	Sep 28, 2000
ANNUAL SEVEN-DAY MINIMUM	38	Aug 28	37	Sep 19	25	Sep 27, 2000
MAXIMUM PEAK FLOW			15,300	Nov 24	29,400	May 8, 2003
MAXIMUM PEAK STAGE			18.55	Nov 24	28.62	May 8, 2003
ANNUAL RUNOFF (CFSM)	2.79		2.53		2.34	
ANNUAL RUNOFF (INCHES)	38.02		34.34		31.79	
10 PERCENT EXCEEDS	404		409		383	
50 PERCENT EXCEEDS	95		121		94	
90 PERCENT EXCEEDS	45		48		38	

e Estimated



02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE.--June 1997 to current year.

WATER TEMPERATURE.--June 1997 to current year.

DISSOLVED OXYGEN.--June 1997 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1997.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE.--Maximum, 1,200 $\mu\text{S}/\text{cm}$, Oct. 24, Nov. 8, 1998; minimum, 76 $\mu\text{S}/\text{cm}$, May 7, 2003.

WATER TEMPERATURE.--Maximum, 30.4°C, Aug. 20, 21, 2005; minimum, 0.8°C, Jan. 3, 2001.

DISSOLVED OXYGEN.--Maximum, 19.2 mg/L, Mar. 11, 2002; minimum, 3.4 mg/L, Jan. 17, 2000, Oct. 22, 2000.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 610 $\mu\text{S}/\text{cm}$, Sept. 14; minimum, 92 $\mu\text{S}/\text{cm}$, July 15.

WATER TEMPERATURE: Maximum, 30.4°C, Aug. 20, 21; minimum, 4.4°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 18.6 mg/L, Jan. 27; minimum, 4.1 mg/L, July 3.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	560	555	557	537	514	529	347	307	323	481	473	478
2	568	560	566	541	439	507	391	334	366	480	462	471
3	574	566	570	483	251	371	417	391	405	481	469	473
4	575	566	569	280	141	209	446	417	430	483	469	475
5	573	556	564	372	225	321	455	445	450	491	483	486
6	571	559	564	392	357	372	453	422	440	498	485	492
7	579	571	575	426	392	406	425	185	275	501	470	493
8	576	573	574	438	426	430	328	238	293	504	453	476
9	578	560	570	475	438	453	328	219	256	500	439	458
10	586	559	573	494	475	486	330	246	296	470	453	464
11	586	565	570	482	235	356	368	330	351	487	470	480
12	565	558	562	318	236	281	388	368	379	500	487	492
13	564	549	555	---	---	---	409	388	399	493	415	467
14	579	564	574	---	---	---	429	409	419	493	350	394
15	572	561	565	---	---	---	442	429	436	414	358	386
16	579	562	571	471	444	458	454	442	451	432	414	427
17	594	577	585	497	465	486	466	453	458	456	432	443
18	593	575	582	511	489	495	473	466	468	467	456	463
19	593	250	520	515	496	504	482	473	477	482	467	475
20	313	210	254	528	506	519	487	479	482	494	482	490
21	420	313	368	528	125	351	490	487	488	487	478	481
22	486	420	456	204	122	149	494	450	484	487	474	478
23	507	484	500	284	133	236	450	274	332	509	487	498
24	509	425	475	281	101	166	389	308	357	518	509	513
25	425	378	389	307	275	289	416	389	405	509	490	498
26	459	398	426	342	307	325	433	416	424	508	498	504
27	496	459	481	356	263	322	444	433	437	510	492	501
28	501	490	495	330	259	297	465	444	454	503	494	500
29	501	486	494	372	330	352	473	462	467	502	451	472
30	503	495	500	397	331	378	471	463	466	468	431	449
31	518	495	513	---	---	---	475	468	472	459	432	445
MONTH	594	210	520	541	101	372	494	185	408	518	350	472

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	472	459	467	---	---	---	268	191	233	332	231	288
2	475	388	434	---	---	---	242	201	221	377	332	357
3	399	342	358	---	---	---	346	242	317	413	377	396
4	408	376	389	---	---	---	365	346	358	443	413	421
5	419	408	415	---	---	---	375	363	369	445	430	438
6	425	415	422	---	---	---	386	310	371	461	444	452
7	433	420	427	---	---	---	323	236	270	472	461	467
8	448	416	426	---	---	---	334	291	316	482	465	473
9	448	380	403	---	---	---	362	334	352	491	478	484
10	398	388	393	---	---	---	382	362	374	498	479	492
11	416	390	400	---	---	---	393	381	388	513	498	507
12	427	415	420	---	---	---	393	391	392	521	508	514
13	433	407	428	---	---	---	---	---	---	527	509	516
14	413	342	387	---	---	---	---	---	---	533	511	523
15	374	337	354	---	---	---	---	---	---	521	480	505
16	---	---	---	---	---	---	---	---	---	519	471	499
17	---	---	---	---	---	---	---	---	---	496	471	479
18	---	---	---	---	---	---	---	---	---	540	496	526
19	---	---	---	---	---	---	---	---	---	538	531	535
20	---	---	---	---	---	---	---	---	---	556	456	520
21	---	---	---	---	---	---	---	---	---	504	312	359
22	---	---	---	---	---	---	533	405	488	455	363	414
23	---	---	---	---	---	---	440	360	382	503	455	483
24	---	---	---	---	---	---	461	398	435	518	502	509
25	---	---	---	---	---	---	491	461	474	545	518	534
26	---	---	---	---	---	---	496	349	456	545	536	539
27	---	---	---	---	---	---	383	315	335	557	536	551
28	---	---	---	---	---	---	452	383	421	562	548	554
29	---	---	---	376	359	369	488	452	478	554	201	372
30	---	---	---	406	376	391	492	167	282	357	222	296
31	---	---	---	401	139	208	---	---	---	397	357	378
MONTH	475	337	408	406	139	323	533	167	367	562	201	464
	JUNE			JULY			AUGUST			SEPTEMBER		
1	389	198	266	491	415	470	---	---	---	499	450	475
2	354	262	314	510	456	483	---	---	---	550	499	522
3	377	342	359	520	504	511	---	---	---	557	550	555
4	428	370	401	519	512	515	520	511	515	556	549	553
5	451	428	440	516	507	511	539	513	525	554	549	551
6	484	249	418	521	431	503	554	519	541	551	544	547
7	357	247	317	438	294	344	540	495	519	568	543	553
8	397	357	379	383	306	347	528	450	487	571	548	559
9	418	397	407	440	225	392	498	472	483	572	565	568
10	425	413	419	389	223	325	507	244	441	572	561	565
11	432	410	424	255	191	214	398	231	318	585	567	574
12	410	295	335	300	172	271	474	398	444	585	570	576
13	367	320	343	256	163	216	506	474	496	583	574	579
14	410	367	389	282	182	234	519	506	516	610	574	595
15	432	410	421	311	92	228	530	515	524	585	577	581
16	459	432	442	345	300	325	552	514	528	586	577	583
17	482	459	473	368	345	360	531	480	508	585	571	581
18	508	482	497	---	---	---	538	480	512	587	565	575
19	527	508	519	---	---	---	540	508	528	591	575	584
20	543	314	504	---	---	---	551	508	531	594	578	587
21	485	314	452	---	---	---	552	533	542	587	568	575
22	508	485	496	---	---	---	549	535	542	591	584	588
23	511	488	501	---	---	---	541	514	529	586	576	582
24	521	498	509	---	---	---	562	519	543	591	571	582
25	526	502	514	---	---	---	561	542	551	594	576	591
26	533	509	523	---	---	---	565	544	554	576	318	453
27	540	526	532	---	---	---	568	560	564	370	307	329
28	528	438	498	---	---	---	565	559	562	473	370	423
29	460	389	414	---	---	---	579	540	566	515	473	493
30	476	394	446	---	---	---	540	499	519	542	514	529
31	---	---	---	---	---	---	521	435	458	---	---	---
MONTH	543	198	432	521	92	368	579	231	512	610	307	547
YEAR	610	92	449									

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	21.0	18.3	19.8	21.5	19.9	20.7	14.7	12.7	13.8	13.6	11.5	12.6
2	21.5	19.3	20.5	21.5	20.8	21.1	12.7	11.6	12.1	14.8	13.0	13.9
3	22.8	20.5	21.5	21.2	20.4	20.7	12.3	10.7	11.5	14.8	12.9	13.9
4	21.4	18.8	20.2	20.7	18.1	19.6	12.5	10.9	11.7	15.1	13.3	14.2
5	21.1	18.9	20.0	18.1	15.6	17.0	12.6	11.2	11.9	14.4	13.1	13.8
6	21.1	18.5	19.8	15.7	14.0	15.0	14.7	12.6	13.7	15.0	14.0	14.6
7	20.9	19.2	20.1	15.9	13.5	14.9	16.8	14.7	15.9	14.6	13.3	13.8
8	20.2	19.1	19.7	15.5	14.2	14.9	15.6	14.2	14.7	15.1	13.2	14.6
9	19.8	19.2	19.5	14.8	13.0	14.0	16.3	14.2	15.4	13.2	11.4	12.3
10	20.0	19.4	19.7	14.3	12.7	13.6	16.0	14.4	15.3	13.4	11.4	12.3
11	20.7	19.6	20.1	15.0	14.1	14.4	14.4	13.0	13.5	15.4	13.1	14.2
12	22.0	20.6	21.2	16.4	15.0	15.8	13.5	12.5	13.0	16.1	15.1	15.6
13	21.5	18.7	20.0	---	---	---	12.8	11.4	12.3	15.8	14.7	15.5
14	18.7	17.3	18.0	---	---	---	11.4	9.2	10.2	14.7	11.5	13.2
15	17.3	15.5	16.3	---	---	---	9.3	8.0	8.7	11.5	10.0	10.7
16	16.4	14.4	15.4	14.1	12.4	13.4	9.2	7.5	8.4	10.4	8.2	9.5
17	17.0	14.9	16.0	14.8	12.6	13.8	10.4	8.9	9.5	8.2	6.4	7.2
18	18.6	16.6	17.5	14.8	13.5	14.3	9.9	8.4	9.2	6.9	5.2	6.1
19	19.3	18.6	19.0	15.2	14.3	14.7	9.3	7.4	8.6	6.8	5.3	6.1
20	19.7	18.8	19.2	16.4	15.2	15.9	7.4	6.0	6.6	8.3	5.5	6.9
21	20.6	19.5	20.0	16.2	15.6	15.9	9.5	6.4	7.9	10.2	7.4	8.8
22	21.2	19.8	20.5	16.7	16.0	16.4	11.6	9.3	10.3	11.2	8.8	10.1
23	20.5	19.6	20.0	17.7	16.6	17.0	11.6	8.2	10.1	8.8	5.7	6.8
24	20.9	19.4	20.0	17.8	17.0	17.6	8.2	6.8	7.3	6.5	4.4	5.5
25	20.7	18.8	19.8	17.0	14.2	15.5	7.1	5.9	6.6	8.1	5.2	6.6
26	20.9	19.1	20.1	14.3	13.2	13.8	7.7	6.0	6.8	11.0	7.6	9.3
27	21.2	19.7	20.5	13.5	12.7	13.0	7.6	6.1	6.9	10.4	8.7	9.6
28	21.9	20.4	21.1	13.9	12.8	13.3	8.1	6.2	7.2	9.6	8.0	8.9
29	22.3	20.7	21.5	14.1	12.6	13.4	9.3	6.9	8.1	8.0	7.4	7.6
30	21.7	20.5	21.1	15.2	14.0	14.5	11.0	8.8	9.8	8.6	7.8	8.2
31	21.3	20.1	20.7	---	---	---	12.4	10.2	11.3	9.4	8.2	8.8
MONTH	22.8	14.4	19.6	21.5	12.4	15.7	16.8	5.9	10.6	16.1	4.4	10.7
FEBRUARY			MARCH			APRIL			MAY			
1	10.1	9.3	9.7	---	---	---	17.1	15.9	16.4	17.9	15.2	16.5
2	9.8	8.8	9.2	---	---	---	16.4	14.7	15.4	17.6	14.7	16.2
3	9.5	8.9	9.2	---	---	---	16.5	13.4	14.9	17.9	14.9	16.3
4	10.4	8.3	9.4	---	---	---	17.4	14.0	15.7	17.5	14.3	16.0
5	10.6	8.0	9.4	---	---	---	18.7	15.3	16.9	18.2	15.3	16.8
6	10.9	8.5	9.8	---	---	---	17.4	15.8	16.2	19.4	15.9	17.6
7	12.0	9.3	10.6	---	---	---	16.9	15.7	16.2	20.2	15.9	18.1
8	13.2	12.0	12.6	---	---	---	16.3	15.6	16.0	21.1	16.8	19.1
9	13.6	12.8	13.3	---	---	---	19.0	15.1	16.9	20.6	18.0	19.5
10	12.8	10.0	11.4	---	---	---	19.8	16.4	18.1	21.7	18.5	20.2
11	10.6	8.3	9.5	---	---	---	18.6	17.4	18.0	23.5	19.1	21.3
12	11.2	8.2	9.8	---	---	---	18.0	17.2	17.5	24.4	20.5	22.4
13	12.0	10.6	11.2	---	---	---	---	---	---	24.1	20.7	22.5
14	13.9	11.9	12.8	---	---	---	---	---	---	23.8	20.8	22.3
15	14.0	11.9	13.0	---	---	---	---	---	---	23.2	21.0	22.0
16	---	---	---	---	---	---	---	---	---	21.9	18.7	20.5
17	---	---	---	---	---	---	---	---	---	22.3	17.8	20.1
18	---	---	---	---	---	---	---	---	---	23.0	18.9	20.9
19	---	---	---	---	---	---	---	---	---	23.8	20.1	21.9
20	---	---	---	---	---	---	---	---	---	23.8	21.6	22.4
21	---	---	---	---	---	---	---	---	---	23.7	20.8	22.4
22	---	---	---	---	---	---	19.9	18.2	18.9	24.1	20.6	22.4
23	---	---	---	---	---	---	19.0	16.3	17.8	25.1	21.6	23.3
24	---	---	---	---	---	---	17.2	14.0	15.6	25.9	21.8	23.7
25	---	---	---	---	---	---	15.3	13.0	14.4	24.4	20.7	22.5
26	---	---	---	---	---	---	15.9	13.9	14.8	23.9	19.4	21.6
27	---	---	---	---	---	---	17.5	14.0	15.7	24.1	19.6	21.9
28	---	---	---	---	---	---	17.8	14.1	16.1	24.4	21.0	22.6
29	---	---	---	17.0	14.8	16.3	19.8	16.6	18.2	23.0	19.2	20.4
30	---	---	---	18.3	14.4	16.4	19.0	16.7	17.8	19.5	18.8	19.2
31	---	---	---	17.6	16.3	16.6	---	---	---	20.0	19.0	19.5
MONTH	14.0	8.0	10.7	18.3	14.4	16.4	19.9	13.0	16.5	25.9	14.3	20.4

02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	10.9	8.0	9.2	8.8	7.7	8.2	---	---	---	11.6	10.6	11.0
2	11.0	7.9	9.2	8.3	7.5	7.9	10.5	10.1	10.4	11.5	10.2	10.7
3	10.3	7.6	8.6	---	---	---	10.7	10.4	10.6	11.9	10.1	10.8
4	10.0	7.6	8.6	8.8	8.3	8.5	10.7	10.4	10.5	12.1	9.9	10.8
5	10.4	7.7	8.8	9.5	8.8	9.2	10.6	10.2	10.4	12.0	9.8	10.7
6	10.2	7.8	8.8	10.1	9.5	9.9	10.2	9.6	9.9	11.4	9.5	10.2
7	10.2	7.7	8.8	10.2	9.8	10	9.6	8.9	9.3	11.3	9.2	10
8	10.2	7.7	8.7	10.2	9.5	10.0	9.7	9.2	9.6	11.3	9.0	9.9
9	8.9	7.6	8.2	10.6	10.1	10.4	9.8	9.1	9.5	12.3	9.4	10.6
10	8.7	7.5	8.1	10.9	10.3	10.6	9.6	9.2	9.4	12.9	9.7	11.0
11	8.6	7.3	7.9	10.4	9.6	10.1	10.1	9.6	9.9	13.2	9.4	10.9
12	8.5	7.2	7.8	9.7	6.7	9.0	10.2	10.1	10.1	12.2	8.9	10.2
13	8.1	7.2	7.7	---	---	---	10.6	10.1	10.3	10.3	8.8	9.6
14	9.6	7.9	8.6	---	---	---	11.3	10.6	11.0	11.2	9.2	10.1
15	9.8	8.4	8.9	---	---	---	11.8	11.3	11.6	12.6	10.1	11.2
16	10.4	8.7	9.4	12.8	12.3	12.6	11.9	10.8	11.3	12.7	10.5	11.5
17	10.6	8.7	9.5	12.5	12.2	12.3	11.1	10.9	11.0	13.3	11.0	12.0
18	10.2	8.4	9.2	13.6	12.2	13.1	11.4	10.9	11.2	13.6	11.4	12.3
19	8.4	7.3	8.0	13.0	12.3	12.7	11.8	11.2	11.4	13.6	11.4	12.3
20	8.2	8.0	8.1	12.4	11.9	12.2	12.2	11.8	12.1	14.0	11.3	12.5
21	8.3	8.0	8.2	12.0	11.0	11.6	12.1	11.3	11.9	14.2	10.8	12.3
22	8.2	7.9	8.0	11.1	7.5	9.7	11.3	10.6	10.9	14.2	10.4	12.0
23	8.2	7.9	8.1	10.5	9.5	10.0	11.4	10.5	10.8	13.5	10.8	11.7
24	8.2	7.9	8.1	---	---	---	12.1	11.4	11.8	13.8	11.5	12.1
25	8.3	7.9	8.1	---	---	---	12.3	12.0	12.2	17.9	11.4	14.1
26	8.4	8.0	8.2	---	---	---	12.3	12.1	12.2	17.7	10.9	13.6
27	8.3	7.9	8.0	---	---	---	12.5	12.1	12.3	18.6	10.2	13.7
28	8.3	7.6	7.9	---	---	---	12.4	12.0	12.3	16.2	10.4	13.0
29	8.2	7.5	7.8	---	---	---	12.2	11.7	12.0	13.4	11.1	12.1
30	8.4	7.6	7.9	---	---	---	11.8	11.2	11.6	15.1	11.1	12.6
31	8.6	7.7	8.1	---	---	---	11.6	10.9	11.2	17.6	11.0	13.6
MONTH	11.0	7.2	8.4	13.6	6.7	10.4	12.5	8.9	11.0	18.6	8.8	11.6
FEBRUARY			MARCH			APRIL			MAY			
1	16.0	10.6	12.8	---	---	---	9.3	8.9	9.1	9.5	8.8	9.2
2	12.1	10.7	11.3	---	---	---	9.5	9.0	9.4	9.8	9.2	9.5
3	12.3	11.1	11.6	---	---	---	9.9	9.5	9.7	9.8	9.3	9.5
4	13.9	11.2	12.2	---	---	---	9.8	9.2	9.6	10.2	9.3	9.8
5	14.4	11.2	12.4	---	---	---	9.5	9.0	9.3	10.1	9.4	9.8
6	15.1	11.0	12.5	---	---	---	9.4	9.0	9.2	10.2	9.3	9.7
7	15.2	10.6	12.2	---	---	---	9.4	8.9	9.0	10.4	9.1	9.7
8	12.3	9.7	10.7	---	---	---	9.3	9.0	9.2	10.6	8.9	9.6
9	11.2	9.6	10.2	---	---	---	9.4	8.8	9.2	10.9	8.6	9.5
10	13.8	9.9	11.6	---	---	---	9.2	8.7	9.0	11.0	8.6	9.5
11	14.8	11.0	12.4	---	---	---	9.2	8.7	8.9	11.3	8.3	9.4
12	15.6	11.0	12.7	---	---	---	8.8	8.7	8.8	11.1	7.9	9.1
13	12.4	10.2	11.2	---	---	---	---	---	---	10.5	7.6	8.8
14	11.1	10.1	10.4	---	---	---	---	---	---	10.7	7.5	8.8
15	12.7	10.1	11.0	---	---	---	---	---	---	10.0	7.5	8.4
16	---	---	---	---	---	---	---	---	---	10.1	7.9	8.9
17	---	---	---	---	---	---	---	---	---	10.0	8.2	8.9
18	---	---	---	---	---	---	---	---	---	9.9	8.1	8.9
19	---	---	---	---	---	---	---	---	---	10.0	7.8	8.7
20	---	---	---	---	---	---	---	---	---	9.6	7.5	8.2
21	---	---	---	---	---	---	---	---	---	7.6	7.3	7.5
22	---	---	---	---	---	---	11.0	8.3	9.2	8.6	7.6	8.1
23	---	---	---	---	---	---	9.5	8.2	8.8	8.9	7.7	8.2
24	---	---	---	---	---	---	11.1	8.9	9.9	9.2	7.8	8.3
25	---	---	---	---	---	---	11.9	9.4	10.5	9.8	8.0	8.8
26	---	---	---	---	---	---	10.3	9.2	9.7	10.2	8.6	9.2
27	---	---	---	---	---	---	9.8	9.2	9.5	10.3	8.4	9.1
28	---	---	---	---	---	---	10.1	9.0	9.6	10.2	8.0	8.9
29	---	---	---	11.0	9.6	10.4	9.7	8.5	9.1	9.1	7.9	8.4
30	---	---	---	10.7	9.0	9.8	9.0	8.1	8.5	8.9	8.5	8.7
31	---	---	---	9.2	8.7	9.0	---	---	---	8.9	8.8	8.8
MONTH	16.0	9.6	11.7	11.0	8.7	9.7	11.9	8.1	9.3	11.3	7.3	9.0

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL

LOCATION.--Lat 33°34'37", long 86°43'09", in NW ¼ sec. 11, T. 17 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, on left downstream side of bridge on 86th Street North, 0.1 mi downstream of Roebuck Municipal Golf Course, and at mile 39.6.

DRAINAGE AREA.--4.10 mi².

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 640 ft above NGVD of 1929 from topographic map.

REMARKS.--Estimated daily discharges: Feb. 27, 28. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 650 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1515	*1,110	*9.84	Nov 24	0200	1,070	9.61

Minimum discharge, 1.0 ft³/s, Aug. 23, gage height, 0.90 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.3	5.7	16	7.3	6.7	9.4	64	9.6	45	2.9	13	4.4
2	4.3	5.8	12	7.1	10	9.0	26	9.1	11	3.0	6.7	4.3
3	4.2	22	11	7.0	6.1	8.8	18	8.7	8.5	2.9	6.5	4.0
4	4.1	11	9.9	6.8	5.5	8.7	15	8.5	7.3	2.8	6.4	4.1
5	4.1	6.3	12	6.6	5.5	8.3	13	8.2	25	4.4	6.1	3.9
6	3.8	6.0	12	7.0	5.4	8.1	29	8.1	11	25	6.0	3.9
7	3.7	5.7	46	7.1	5.1	47	20	7.8	7.2	6.3	6.8	3.6
8	3.9	5.5	16	12	8.0	15	15	7.6	12	4.3	5.9	3.9
9	4.1	5.3	45	7.1	7.0	11	13	7.6	6.4	6.1	5.8	3.9
10	4.1	5.3	18	7.0	6.3	9.8	11	7.5	8.5	28	6.8	3.9
11	4.0	38	14	6.8	6.2	8.9	11	7.3	9.7	34	5.8	3.9
12	4.1	13	13	6.5	6.0	8.4	11	6.8	14	18	5.4	3.7
13	4.1	7.6	11	19	8.1	8.2	10	6.8	7.2	14	5.4	3.5
14	4.0	6.9	10	8.4	15	8.0	9.7	6.8	6.2	24	5.3	3.8
15	3.9	6.6	9.7	8.0	8.4	7.5	9.4	13	5.7	18	5.3	3.5
16	3.9	6.3	9.3	7.9	8.3	7.4	9.1	7.3	5.3	9.5	5.3	3.8
17	3.9	6.2	9.0	7.7	7.9	7.2	8.8	7.0	4.8	8.0	5.1	4.3
18	3.9	6.0	8.9	7.4	7.9	7.0	8.7	5.9	4.7	14	5.0	4.2
19	40	6.2	8.4	7.3	7.9	6.9	8.4	3.7	4.4	15	3.9	3.7
20	7.6	6.0	8.1	7.0	8.8	6.8	8.4	12	4.3	9.6	2.2	3.6
21	6.7	51	8.0	7.0	12	6.7	9.4	4.2	4.0	7.9	2.1	3.4
22	6.4	144	17	6.8	8.1	39	16	3.9	4.0	7.4	2.1	3.2
23	10	42	16	6.8	22	9.9	9.0	3.8	3.9	7.1	1.8	3.3
24	8.5	236	9.1	6.5	11	8.8	8.3	3.6	3.4	6.8	1.9	3.4
25	6.4	31	8.7	6.5	8.9	8.7	8.1	3.3	3.5	6.7	2.0	3.5
26	6.2	20	8.4	6.6	8.7	8.6	20	2.9	3.3	6.3	1.8	22
27	6.1	32	8.2	6.8	e12	18	9.3	2.9	3.2	9.1	1.9	4.5
28	6.1	16	7.9	6.6	e14	10	9.0	3.9	7.4	6.4	2.0	4.5
29	5.8	13	7.7	8.1	---	8.7	8.7	44	3.5	26	6.2	4.1
30	5.7	24	7.6	7.2	---	19	34	7.3	3.2	7.7	5.1	4.1
31	5.7	---	7.4	6.8	---	86	---	8.8	---	7.4	4.6	---
TOTAL	193.6	790.4	405.3	236.7	246.8	434.8	450.3	247.9	247.6	348.6	150.2	133.9
MEAN	6.25	26.3	13.1	7.64	8.81	14.0	15.0	8.00	8.25	11.2	4.85	4.46
MAX	40	236	46	19	22	86	64	44	45	34	13	22
MIN	3.7	5.3	7.4	6.5	5.1	6.7	8.1	2.9	3.2	2.8	1.8	3.2
CFSM	1.52	6.43	3.19	1.86	2.15	3.42	3.66	1.95	2.01	2.74	1.18	1.09
IN.	1.76	7.17	3.68	2.15	2.24	3.95	4.09	2.25	2.25	3.16	1.36	1.21

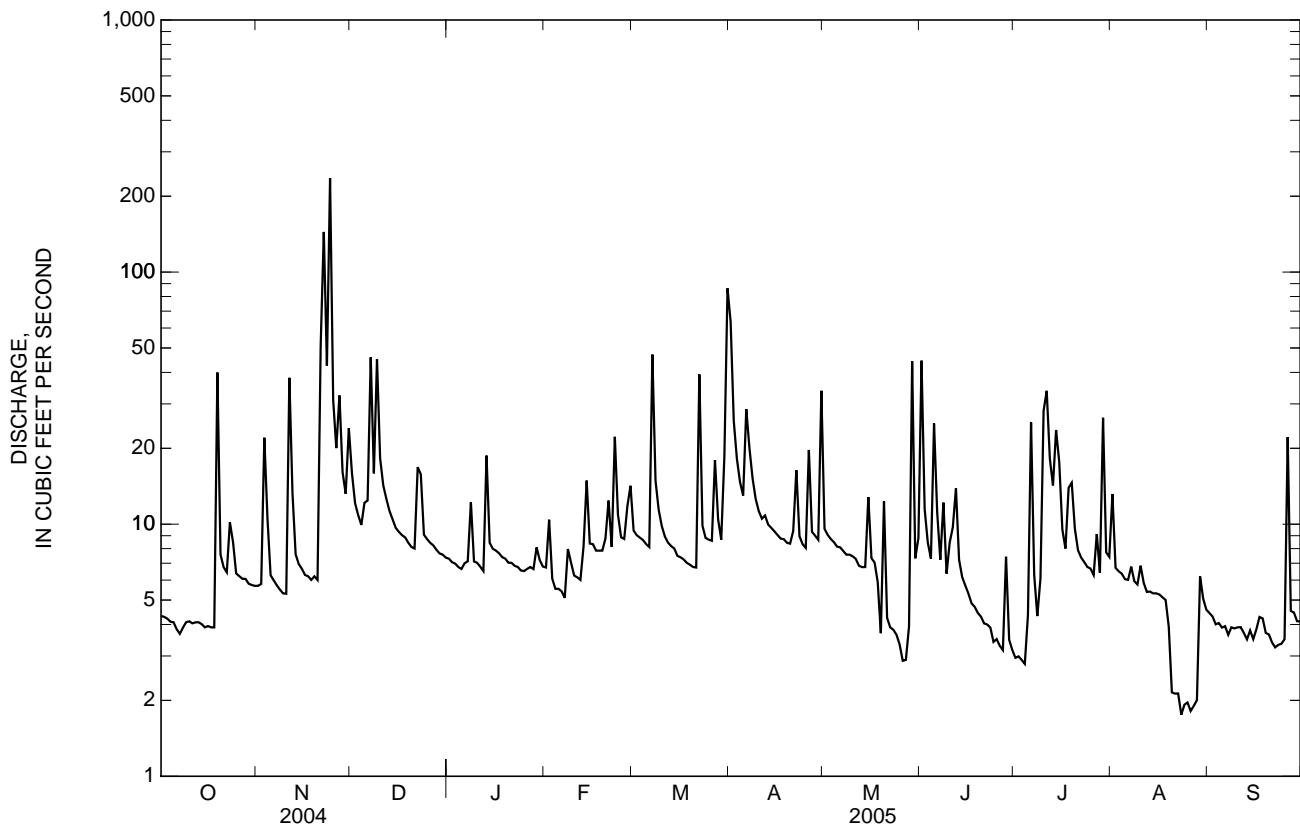
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	5.07	9.19	7.85	8.61	9.76	12.6	12.4	10.4	8.65	8.74	4.56	7.72
MAX	8.56	26.3	13.8	14.7	17.5	17.3	26.9	34.2	17.3	14.9	8.74	19.8
(WY)	(2003)	(2005)	(2003)	(1999)	(2004)	(2000)	(2000)	(2003)	(1999)	(2002)	(2003)	(2004)
MIN	1.95	3.84	2.86	6.38	3.38	8.77	5.22	3.33	3.29	3.39	2.50	1.61
(WY)	(2001)	(2000)	(2001)	(2000)	(2000)	(2004)	(1999)	(2000)	(2000)	(2000)	(2002)	(1999)

02458148 VILLAGE CREEK AT 86TH STREET NORTH AT ROEBUCK, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	3,930.8		3,886.1		8.79	
ANNUAL MEAN	10.7		10.6		12.6	
HIGHEST ANNUAL MEAN					6.79	
LOWEST ANNUAL MEAN					387	
HIGHEST DAILY MEAN	387	Sep 16	236	Nov 24	387	Sep 16, 2004
LOWEST DAILY MEAN	1.9	May 28	1.8	Aug 23	0.96	Nov 1, 2000
ANNUAL SEVEN-DAY MINIMUM	2.6	May 24	1.9	Aug 22	1.0	Oct 28, 2000
MAXIMUM PEAK FLOW			1,110	Nov 22	1,990	May 7, 2003
MAXIMUM PEAK STAGE			9.84	Nov 22	12.56	May 7, 2003
ANNUAL RUNOFF (CFSM)	2.62		2.60		2.14	
ANNUAL RUNOFF (INCHES)	35.66		35.26		29.11	
10 PERCENT EXCEEDS	16		18		15	
50 PERCENT EXCEEDS	6.0		7.2		5.1	
90 PERCENT EXCEEDS	3.5		3.8		2.1	

e Estimated



LOCATION.--Lat 33°32'45", long 86°45'09", in SW 1/4 NW 1/4 NE 1/4 sec. 19, T. 17 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, on right upstream wingwall of culvert of Apalachee Street crossing in Birmingham, and at mile 35.0.

PERIOD OF RECORD.--October 1998 to current year. Operated as crest-stage gage December 1970 to September 1977.

GAGE.--Water-stage recorder. Datum of gage is 561.31 ft above NGVD of 1929.

REMARKS.--No estimated daily discharge. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 19, 1970 reached a stage of 20.40 ft, discharge, 4,330 ft³/s. Flood of Sept. 6, 1977 reached a stage of 19.60 ft, discharge 4,190 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1530	2,650	14.63	Jul 29	1700	*3,150	*16.01
Nov 24	0730	2,930	15.43				

Minimum discharge, 7.3 ft³/s, Oct. 18, Sept. 22, 23, gage height, 3.50 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

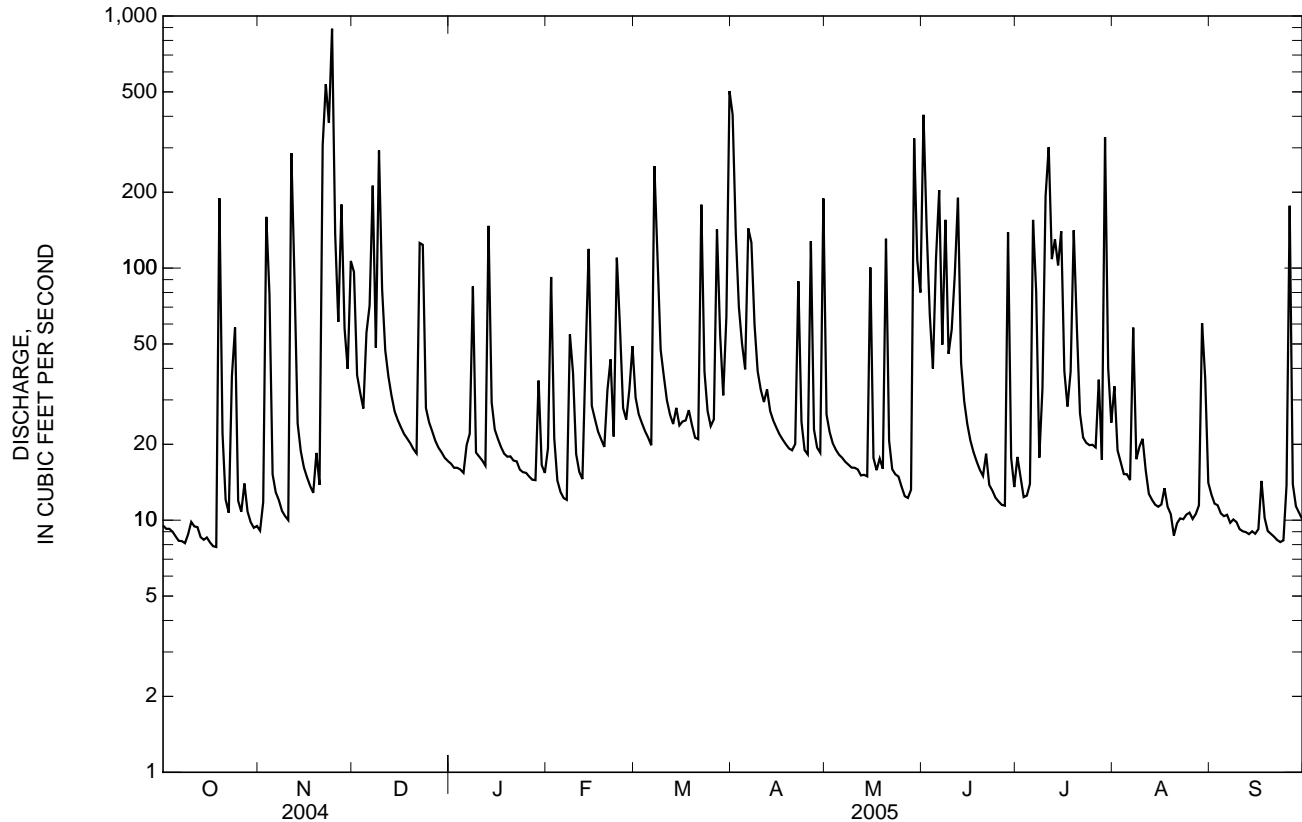
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.5	9.1	97	17	19	31	406	26	406	18	34	13
2	9.2	12	38	16	92	26	138	22	143	15	19	12
3	9.2	160	32	16	21	24	70	20	65	12	17	11
4	9.0	78	28	16	14	23	50	19	40	13	15	11
5	8.6	15	55	15	13	21	40	18	110	14	15	10
6	8.3	13	71	20	12	20	144	18	204	155	14	11
7	8.3	12	212	22	12	254	126	17	50	80	58	9.8
8	8.1	11	48	85	55	110	60	17	155	18	17	10
9	8.8	10	293	19	38	47	39	16	46	33	20	9.8
10	9.8	10	82	18	18	37	33	16	57	193	21	9.2
11	9.4	286	47	17	16	30	29	16	95	302	16	9.0
12	9.4	91	37	16	15	26	33	15	190	109	13	9.0
13	8.6	24	31	147	44	24	27	15	42	130	12	8.8
14	8.4	19	27	29	119	28	25	15	30	103	12	9.0
15	8.5	16	25	23	28	24	23	101	24	140	11	8.8
16	8.2	15	23	21	25	25	22	18	21	39	12	9.2
17	7.9	14	22	19	22	25	21	16	19	28	13	14
18	7.8	13	21	18	21	27	20	18	17	39	11	10
19	189	18	20	18	20	24	19	16	16	141	11	9.1
20	22	14	19	18	33	21	19	131	15	58	8.7	8.8
21	12	307	18	17	43	21	20	21	18	26	9.7	8.6
22	11	536	126	17	21	178	89	16	14	21	10	8.3
23	37	377	124	16	110	39	25	15	13	20	10	8.2
24	58	891	28	16	58	27	19	15	12	20	11	8.3
25	12	136	24	15	28	24	18	14	12	20	11	14
26	11	61	23	15	25	25	128	12	12	19	10	177
27	14	179	21	14	33	142	23	12	11	36	11	14
28	11	58	19	14	49	55	19	13	139	17	11	11
29	9.8	40	19	36	---	31	19	327	18	331	61	11
30	9.3	107	18	17	---	64	189	107	14	40	37	10
31	9.5	---	17	15	---	504	---	80	---	24	14	---
TOTAL	562.6	3,532.1	1,665	762	1,004	1,957	1,893	1,182	2,008	2,214	545.4	472.9
MEAN	18.1	118	53.7	24.6	35.9	63.1	63.1	38.1	66.9	71.4	17.6	15.8
MAX	189	891	293	147	119	504	406	327	406	331	61	177
MIN	7.8	9.1	17	14	12	20	18	12	11	12	8.7	8.2
CFSM	1.16	7.55	3.44	1.58	2.30	4.05	4.04	2.44	4.29	4.58	1.13	1.01
IN.	1.34	8.42	3.97	1.82	2.39	4.67	4.51	2.82	4.79	5.28	1.30	1.13

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	18.1	41.6	37.2	39.3	43.4	57.4	48.5	53.3	44.6	38.5	24.5	38.6
MAX	44.7	118	68.8	67.2	71.1	87.1	86.3	187	68.0	71.4	64.1	99.8
(WY)	(2003)	(2005)	(2003)	(2002)	(2004)	(2000)	(2000)	(2003)	(1999)	(2005)	(2003)	(2004)
MIN	7.79	18.3	13.5	24.6	19.2	25.2	21.7	12.9	13.7	19.2	8.40	7.40
(WY)	(1999)	(2000)	(2001)	(2005)	(2000)	(2004)	(2004)	(2000)	(2000)	(1999)	(1999)	(1999)

02458200 VILLAGE CREEK AT APALACHEE STREET IN BIRMINGHAM, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	16,704.5		17,798.0		40.3	
ANNUAL MEAN	45.6		48.8		59.1	
HIGHEST ANNUAL MEAN					30.0	
LOWEST ANNUAL MEAN					2,210	
HIGHEST DAILY MEAN	2,210	Sep 16	891	Nov 24	2,210	Sep 16, 2004
LOWEST DAILY MEAN	7.8	Oct 18	7.8	Oct 18	3.5	Sep 22, 2000
ANNUAL SEVEN-DAY MINIMUM	8.4	Oct 12	8.4	Oct 12	4.1	Sep 22, 1999
MAXIMUM PEAK FLOW			3,150	Jul 29	4,950	Mar 10, 2000
MAXIMUM PEAK STAGE			16.01	Jul 29	20.22	May 7, 2003
ANNUAL RUNOFF (CFSM)	2.93		3.13		2.59	
ANNUAL RUNOFF (INCHES)	39.83		42.44		35.14	
10 PERCENT EXCEEDS	90		129		80	
50 PERCENT EXCEEDS	15		20		17	
90 PERCENT EXCEEDS	10		9.8		8.6	



02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL

LOCATION.--Lat 33°32'33", long 86°49'03", in NE ¼ sec. 23, T. 17 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on right upstream wingwall of 24th Street bridge in Birmingham, and at mile 33.0.

DRAINAGE AREA.--26.0 mi².

PERIOD OF RECORD.--June 1988 to current year.

REVISED RECORDS.--WDR AL-01-1 : 1996-00 (P).

GAGE.--Water-stage recorder. Datum of gage is 543.38 ft above NGVD of 1929 (published incorrectly 1988 through 2000 water year).

REMARKS.--Estimated daily discharge: Feb. 27. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1615	3,610	10.44	Jun 6	1445	3,020	9.35
Nov 24	0815	*4,090	*11.27	Jul 29	1800	3,920	10.98

Minimum discharge, 11 ft³/s, on several days, gage height, 0.15 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14	13	107	23	27	40	437	36	465	28	39	16
2	13	19	54	22	100	35	139	30	139	26	28	15
3	13	158	46	22	32	32	86	27	67	20	23	15
4	13	82	40	21	21	29	66	25	45	20	21	14
5	12	24	66	21	19	27	54	24	131	20	20	14
6	12	20	82	28	18	25	175	22	407	224	20	14
7	12	18	231	26	17	335	138	22	88	91	61	13
8	12	16	64	95	77	116	73	21	225	29	31	13
9	13	15	320	26	55	63	53	20	73	48	41	13
10	16	14	96	24	28	51	46	20	75	256	50	13
11	14	347	64	23	23	41	41	19	108	369	25	13
12	14	92	52	22	22	36	46	19	183	98	21	13
13	13	36	44	135	50	33	38	19	64	126	19	13
14	12	28	38	41	117	39	33	18	49	90	17	13
15	12	23	35	31	38	31	31	99	41	129	17	13
16	11	21	33	29	34	34	29	22	35	50	17	13
17	11	19	31	26	30	33	27	20	32	38	18	18
18	11	18	29	25	27	34	26	19	29	42	16	13
19	198	27	27	24	26	30	25	16	26	114	15	12
20	32	19	26	24	42	27	24	149	25	91	14	12
21	17	366	25	23	49	27	25	26	30	37	15	12
22	15	738	127	22	28	201	80	20	23	29	25	12
23	35	313	136	20	117	48	32	20	22	28	15	12
24	67	1,190	39	20	69	35	24	20	21	27	18	12
25	17	144	34	20	35	31	23	19	21	25	14	22
26	15	82	32	19	32	32	146	19	20	39	14	198
27	23	194	29	18	e80	150	31	18	20	44	14	16
28	15	78	28	19	61	70	26	18	248	23	15	13
29	14	58	26	54	---	43	24	384	39	428	64	12
30	14	122	25	22	---	76	226	96	25	60	51	12
31	14	---	24	21	---	600	---	74	---	36	18	---
TOTAL	704	4,294	2,010	946	1,274	2,404	2,224	1,361	2,776	2,685	776	594
MEAN	22.7	143	64.8	30.5	45.5	77.5	74.1	43.9	92.5	86.6	25.0	19.8
MAX	198	1,190	320	135	117	600	437	384	465	428	64	198
MIN	11	13	24	18	17	25	23	16	20	20	14	12
CFSM	0.87	5.51	2.49	1.17	1.75	2.98	2.85	1.69	3.56	3.33	0.96	0.76
IN.	1.01	6.14	2.88	1.35	1.82	3.44	3.18	1.95	3.97	3.84	1.11	0.85

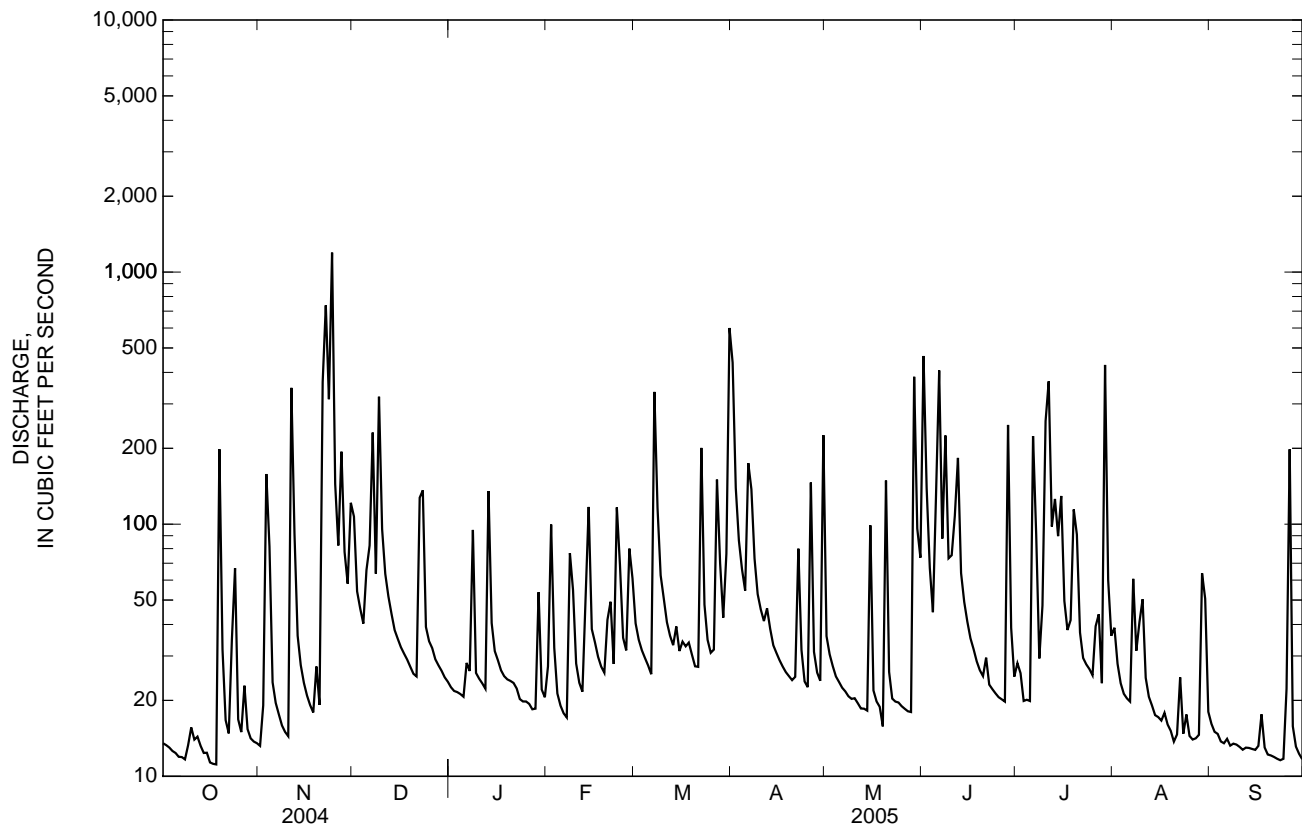
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN
(WY)	(1996)	(2005)	(2003)	(1998)	(1990)	(1996)	(2000)	(2003)	(1999)	(2005)	(2003)	(2004)
(WY)	(1992)	(1994)	(2001)	(2005)	(2000)	(1992)	(1990)	(1992)	(1988)	(1995)	(1989)	(1999)
	34.6	52.6	49.4	71.3	68.6	83.9	58.5	55.7	50.2	48.8	34.5	45.1
	132	143	89.9	137	137	154	150	236	124	86.6	78.8	123
	12.7	25.9	23.3	30.5	27.1	42.9	27.2	14.6	13.8	14.5	12.8	10.7

02458300 VILLAGE CREEK AT 24TH STREET AT BIRMINGHAM, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1988 - 2005	
ANNUAL TOTAL	21,633		22,048		54.6	
ANNUAL MEAN	59.1		60.4		79.2	
HIGHEST ANNUAL MEAN					39.1	
LOWEST ANNUAL MEAN					2,620	
HIGHEST DAILY MEAN	2,620	Sep 16	1,190	Nov 24	2,620	Sep 16, 2004
LOWEST DAILY MEAN	11	Jul 23	11	Oct 16	7.0	Jun 12, 1988
ANNUAL SEVEN-DAY MINIMUM	12	Aug 2	12	Oct 12	8.1	Sep 29, 2000
MAXIMUM PEAK FLOW			4,090	Nov 24	5,950	May 7, 2003
MAXIMUM PEAK STAGE			11.27	Nov 24	14.15	May 7, 2003
ANNUAL RUNOFF (CFSM)	2.27		2.32		2.10	
ANNUAL RUNOFF (INCHES)	30.95		31.55		28.52	
10 PERCENT EXCEEDS	100		133		109	
50 PERCENT EXCEEDS	22		27		24	
90 PERCENT EXCEEDS	13		14		12	

e Estimated



02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL

LOCATION.--Lat 33°31'03", long 86°52'45", in NW 1/4 sec. 32, T. 17 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, near left bank on downstream side of Ave. W bridge over Village Creek, 5.7 mi upstream of Bay View Lake, 0.55 mi north of Interstate 59 in Ensley, and at mile 28.7.

DRAINAGE AREA.--33.5 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1975 to September 1979. July 1988 to current year.

GAGE.--Water-stage recorder. Datum of gage is 505.16 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Feb. 27, 28. Water-discharge records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1000	*3,650	*11.16	No other peak greater than base discharge.			

Minimum discharge, 16 ft³/s, Oct. 7, gage height, 2.20 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	27	137	35	41	67	440	46	477	36	42	24
2	24	33	67	33	111	60	126	38	113	41	39	23
3	23	167	59	33	61	56	83	35	71	32	34	25
4	22	111	54	33	46	54	67	33	52	31	32	23
5	23	40	70	33	42	51	58	32	124	30	31	20
6	22	36	91	40	39	50	130	31	541	176	31	21
7	21	34	244	36	38	354	176	31	104	135	62	21
8	22	31	77	100	100	144	77	31	185	42	45	23
9	25	29	305	40	83	78	60	28	73	52	50	22
10	25	28	104	36	57	72	53	29	75	240	58	22
11	26	392	74	35	52	59	47	29	90	436	34	22
12	25	102	63	34	51	55	53	29	171	84	32	21
13	24	53	57	123	65	53	45	28	68	109	28	21
14	24	44	52	53	137	57	41	27	55	100	27	21
15	25	38	48	41	63	48	38	85	48	129	26	21
16	23	35	46	39	58	53	37	28	44	63	25	22
17	22	34	44	37	54	51	36	27	41	51	26	28
18	23	33	42	35	51	51	34	27	38	63	24	24
19	185	43	40	35	50	49	34	26	32	98	26	21
20	59	35	39	35	57	45	33	139	34	83	24	21
21	34	396	38	34	74	43	33	38	42	50	25	22
22	30	837	107	33	50	192	75	27	35	40	39	21
23	33	340	175	31	120	64	43	25	31	39	28	21
24	95	1,430	54	30	109	52	33	24	30	38	28	24
25	32	145	47	31	60	48	30	23	29	35	26	31
26	30	93	44	31	55	46	149	22	28	49	24	186
27	37	206	41	30	e79	140	42	22	27	50	25	27
28	31	89	38	29	e95	83	34	24	249	37	25	21
29	30	70	39	63	---	56	32	386	60	318	51	21
30	28	111	38	36	---	66	226	100	41	66	71	20
31	27	---	35	34	---	652	---	62	---	39	26	---
TOTAL	1,074	5,062	2,369	1,268	1,898	2,949	2,365	1,532	3,008	2,792	1,064	840
MEAN	34.6	169	76.4	40.9	67.8	95.1	78.8	49.4	100	90.1	34.3	28.0
MAX	185	1,430	305	123	137	652	440	386	541	436	71	186
MIN	21	27	35	29	38	43	30	22	27	30	24	20
CFSM	1.03	5.04	2.28	1.22	2.02	2.84	2.35	1.48	2.99	2.69	1.02	0.84
IN.	1.19	5.62	2.63	1.41	2.11	3.27	2.63	1.70	3.34	3.10	1.18	0.93

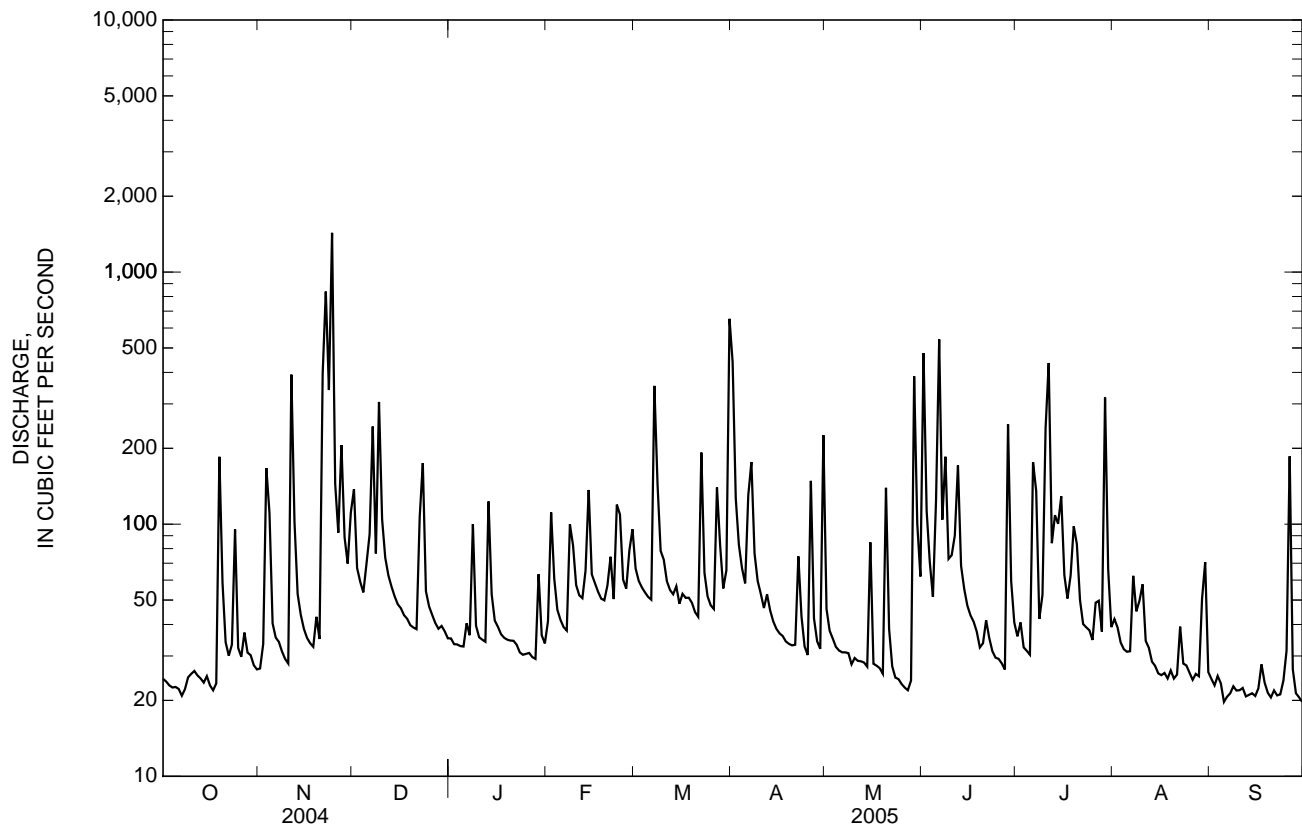
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1975 - 2005, BY WATER YEAR (WY)

	60.5	71.1	67.8	103	96.7	137	96.3	85.1	75.3	73.8	48.9	74.4
MEAN	60.5	71.1	67.8	103	96.7	137	96.3	85.1	75.3	73.8	48.9	74.4
MAX	225	169	129	236	207	375	318	291	169	139	99.0	164
(WY)	(1996)	(2005)	(2003)	(1996)	(1990)	(1976)	(1979)	(2003)	(1989)	(1996)	(1992)	(1977)
MIN	19.1	28.7	30.6	40.9	47.3	55.5	29.6	24.4	32.0	22.9	21.5	17.9
(WY)	(1979)	(1979)	(2001)	(2005)	(2000)	(2004)	(1978)	(2000)	(1977)	(1995)	(1999)	(2000)

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	27,890		26,221		82.3	
ANNUAL MEAN	76.2		71.8		127	
HIGHEST ANNUAL MEAN					56.0	
LOWEST ANNUAL MEAN					3,400	
HIGHEST DAILY MEAN	2,620	Sep 16	1,430	Nov 24	1996	
LOWEST DAILY MEAN	18	Sep 1	20	Sep 5	1992	
ANNUAL SEVEN-DAY MINIMUM	21	Sep 9	21	Sep 9	9.3	Nov 2, 2000
MAXIMUM PEAK FLOW			3,650	Nov 24	10	Aug 31, 1995
MAXIMUM PEAK STAGE			11.16	Nov 24	6,510	Feb 6, 2004
ANNUAL RUNOFF (CFSM)	2.27		2.14		14.28	Feb 6, 2004
ANNUAL RUNOFF (INCHES)	30.97		29.12		2.46	
10 PERCENT EXCEEDS	109		132		33.37	
50 PERCENT EXCEEDS	34		40		151	
90 PERCENT EXCEEDS	23		24		39	
					21	

e Estimated



02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1991 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1991 to current year.

WATER TEMPERATURE: May 1991 to current year.

DISSOLVED OXYGEN: May 1991 to current year.

INSTRUMENTATION.--Water-quality monitor since May 1991.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 831 $\mu\text{S}/\text{cm}$, Nov. 10, 1992; minimum, 36 $\mu\text{S}/\text{cm}$, Feb. 2, 1996.

WATER TEMPERATURE: Maximum, 33.6°C, July 31, 1999; minimum, 1.7°C, Jan. 3, 2001.

DISSOLVED OXYGEN: Maximum, 20.1 mg/L, Feb. 19, 1996; minimum, 0.5 mg/L, Sept. 2, 21-24, 1992.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 526 $\mu\text{S}/\text{cm}$, Nov. 2; minimum, 69 $\mu\text{S}/\text{cm}$, July 29.

WATER TEMPERATURE: Maximum, 32.8°C, Aug. 21; minimum, 4.5°C, Jan. 24.

DISSOLVED OXYGEN: Maximum, 18.4 mg/L, June 19; minimum, 2.2 mg/L, Jan. 8.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	465	439	449	449	427	438	431	169	320	448	423	436
2	469	443	457	526	420	437	460	431	451	443	431	438
3	465	436	452	420	169	296	466	460	463	442	426	435
4	463	432	450	391	184	284	471	465	468	443	424	434
5	464	440	452	455	391	433	469	303	443	443	434	438
6	466	436	452	460	452	456	404	290	329	522	409	436
7	462	429	447	464	457	461	421	119	291	431	370	413
8	463	439	449	463	454	458	439	354	415	370	168	276
9	459	440	450	464	443	457	443	117	289	438	366	410
10	481	440	459	464	435	447	430	279	378	451	436	442
11	443	425	432	453	102	273	461	430	445	452	437	448
12	449	427	435	420	296	345	453	451	452	462	444	451
13	454	433	442	463	420	447	459	453	456	509	164	349
14	462	439	452	472	461	464	463	458	460	426	231	355
15	450	436	443	477	461	467	463	457	460	448	426	440
16	447	425	436	477	470	472	472	458	464	456	442	450
17	456	426	441	512	469	475	468	461	465	463	449	456
18	452	429	441	479	468	472	469	464	466	467	456	462
19	450	109	320	513	395	453	464	458	461	471	454	466
20	387	156	297	459	395	429	469	456	461	473	452	463
21	444	387	423	460	102	285	471	455	465	467	449	458
22	451	444	447	417	89	290	463	170	385	463	450	458
23	453	334	438	334	233	288	384	142	267	472	457	464
24	358	168	273	373	95	234	441	384	422	474	456	465
25	436	357	405	450	373	422	452	430	443	474	431	453
26	448	432	440	466	450	459	450	440	446	456	428	446
27	448	368	430	470	161	346	467	430	450	456	422	446
28	428	377	396	452	321	417	456	443	451	455	445	450
29	475	424	438	466	452	460	454	388	439	506	271	329
30	468	439	447	473	198	443	454	396	440	452	364	429
31	455	433	445	---	---	---	458	438	446	455	441	448
MONTH	481	109	427	526	89	404	472	117	422	522	164	430

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	454	411	434	460	416	431	376	140	244	432	333	400
2	422	183	291	460	446	452	410	237	365	437	424	431
3	422	311	363	458	442	453	422	410	417	439	431	434
4	443	422	433	456	439	451	431	422	428	439	419	433
5	447	434	440	454	444	450	440	430	437	438	413	429
6	446	429	436	456	435	448	444	140	392	438	407	427
7	452	409	432	456	88	362	376	129	270	438	408	426
8	455	236	324	404	144	309	396	373	380	441	418	432
9	391	299	352	431	384	421	436	396	424	441	412	429
10	446	351	415	430	363	395	449	436	443	442	423	430
11	456	438	446	446	430	441	452	438	447	445	424	434
12	457	440	452	451	444	448	453	418	429	447	420	434
13	459	324	441	453	445	450	451	417	439	446	415	430
14	387	197	276	445	381	409	460	436	448	441	406	426
15	441	387	422	431	411	422	462	433	449	439	180	272
16	449	439	445	432	410	418	455	420	441	401	295	343
17	453	437	448	435	419	427	452	421	440	427	396	408
18	450	437	445	427	399	414	446	419	437	433	400	418
19	450	433	444	419	404	412	445	403	431	434	402	422
20	451	364	437	431	404	420	447	396	429	443	101	344
21	383	295	334	420	385	406	446	406	432	403	202	327
22	434	383	415	425	98	292	441	248	368	434	403	423
23	438	146	395	395	253	349	410	278	348	438	419	430
24	412	146	297	412	395	406	440	410	432	442	407	425
25	439	412	428	434	410	425	442	413	432	431	395	417
26	444	438	441	437	349	428	446	138	303	436	387	416
27	445	282	423	350	174	267	425	273	361	435	378	411
28	416	249	353	363	194	297	437	419	428	435	379	412
29	---	---	---	444	363	409	438	417	432	439	87	254
30	---	---	---	437	155	414	441	107	269	349	245	272
31	---	---	---	347	115	209	---	---	---	412	270	382
MONTH	459	146	402	460	88	398	462	107	400	447	87	399
	JUNE			JULY			AUGUST			SEPTEMBER		
1	352	117	224	455	442	447	440	336	421	481	405	441
2	412	150	368	442	360	384	420	337	379	442	391	418
3	413	180	349	435	410	423	437	420	427	445	396	421
4	430	413	425	435	417	428	437	412	428	441	408	426
5	435	138	371	433	400	420	433	403	419	427	377	404
6	372	107	253	432	93	366	437	401	422	415	370	395
7	439	297	393	389	97	284	439	198	377	436	378	399
8	462	106	381	431	389	417	361	193	299	442	373	408
9	442	280	401	434	278	415	384	229	338	434	365	403
10	448	322	403	369	115	273	397	227	314	422	365	401
11	409	296	353	406	115	267	421	281	362	432	375	408
12	408	221	301	444	242	429	431	375	402	428	365	403
13	446	408	435	417	169	327	436	395	418	437	374	408
14	469	445	448	399	166	302	437	388	415	431	375	405
15	473	446	456	379	180	287	431	386	412	417	367	398
16	456	383	428	441	261	389	433	361	407	436	396	420
17	445	393	427	453	441	448	434	378	408	430	402	419
18	447	395	428	455	187	406	469	342	407	417	384	401
19	440	376	414	416	144	356	442	383	418	426	376	405
20	434	378	410	407	185	297	445	369	419	433	365	400
21	444	261	389	443	243	377	444	376	419	419	366	399
22	439	365	404	446	433	440	434	236	377	423	372	403
23	431	380	411	447	424	437	423	311	383	429	369	404
24	428	380	409	443	419	431	434	396	417	456	389	416
25	427	392	413	429	409	421	421	379	401	428	305	407
26	435	412	425	514	230	398	434	385	413	326	106	226
27	434	407	421	431	240	366	441	394	422	404	326	378
28	428	104	328	414	287	348	451	423	438	421	403	414
29	413	279	369	430	69	350	466	194	410	439	403	419
30	453	338	418	453	231	361	329	163	254	446	374	415
31	---	---	---	448	430	438	405	329	378	---	---	---
MONTH	473	104	388	514	69	378	469	163	394	481	106	402
YEAR	526	69	404									

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	24.6	18.5	21.2	24.1	20.4	21.9	15.4	13.0	13.9	15.6	12.5	14.1
2	24.7	20.2	22.3	22.6	21.0	21.6	13.8	11.7	12.7	16.9	14.2	15.2
3	25.8	21.3	23.0	21.8	21.2	21.5	13.6	11.3	12.5	17.1	14.0	15.2
4	24.0	19.0	21.2	21.6	17.9	20.2	14.5	11.7	13.0	17.0	14.3	15.4
5	24.2	19.5	21.4	18.5	15.3	17.0	13.6	12.3	13.0	15.5	14.0	14.8
6	24.7	19.2	21.5	17.9	14.1	15.7	16.0	13.5	14.7	15.8	14.0	15.2
7	23.1	20.2	21.5	19.1	14.7	16.6	17.8	15.9	16.9	15.6	13.4	14.1
8	21.7	19.5	20.5	18.3	15.0	16.4	16.2	14.3	15.4	16.5	12.9	15.5
9	21.0	19.6	20.2	17.4	13.5	15.2	17.6	15.6	16.8	14.3	11.2	12.7
10	20.8	19.8	20.3	17.0	13.5	15.0	17.0	14.1	15.9	15.2	12.0	13.7
11	22.2	20.0	20.9	16.3	13.8	15.0	14.1	12.5	13.0	17.9	14.3	15.8
12	23.8	20.9	22.0	17.7	16.3	17.1	14.1	12.1	12.9	16.8	15.8	16.2
13	21.7	18.5	19.7	16.8	15.7	16.2	13.6	11.0	12.5	16.2	14.4	15.5
14	19.5	16.9	18.1	16.5	13.9	15.2	11.0	8.5	9.7	14.4	10.6	12.8
15	19.2	14.9	16.7	15.9	12.9	14.2	10.3	7.4	8.7	12.2	9.7	10.9
16	19.5	14.8	16.8	16.2	13.0	14.4	11.1	7.7	9.3	12.0	8.0	10.2
17	20.4	15.8	17.8	17.5	13.7	15.3	12.7	10.1	11.0	9.0	6.2	7.3
18	21.4	18.0	19.6	16.6	14.8	15.7	12.2	9.3	10.6	8.8	5.2	6.7
19	20.9	19.3	20.2	16.3	15.2	15.8	10.5	7.0	9.5	8.3	6.2	7.2
20	21.2	19.3	20.2	17.6	16.3	16.9	8.3	5.6	6.8	11.4	6.8	8.8
21	22.4	20.2	21.0	16.8	15.9	16.5	11.4	6.3	8.9	13.7	9.3	11.2
22	22.7	20.0	21.0	17.7	16.7	17.1	13.0	10.1	11.4	14.0	8.5	11.9
23	21.5	19.3	20.3	18.8	17.2	18.1	13.0	7.8	10.3	8.5	5.5	6.8
24	22.6	19.5	20.6	19.0	17.5	18.4	7.9	6.8	7.3	9.0	4.5	6.5
25	23.2	19.2	20.8	17.5	14.5	15.7	8.0	6.2	7.2	11.2	6.3	8.6
26	23.5	19.6	21.3	15.5	13.5	14.5	9.7	6.7	8.0	14.6	9.5	11.8
27	23.6	20.2	21.8	14.4	11.4	12.9	10.2	7.1	8.4	12.5	9.1	10.6
28	24.1	21.2	22.4	15.1	13.4	14.2	10.7	7.4	8.9	10.0	7.7	9.0
29	24.4	20.9	22.3	15.4	13.3	14.4	12.1	8.7	10.3	8.2	7.0	7.7
30	22.6	20.8	21.6	16.2	14.6	15.3	13.6	10.6	11.9	9.7	8.2	9.0
31	23.7	20.6	21.9	---	---	---	14.8	11.9	13.1	10.9	8.8	9.9
MONTH	25.8	14.8	20.6	24.1	11.4	16.5	17.8	5.6	11.4	17.9	4.5	11.6
FEBRUARY			MARCH			APRIL			MAY			
1	11.1	10.0	10.5	12.7	9.7	10.9	18.5	16.6	17.5	20.8	15.3	17.5
2	10.0	8.2	8.9	12.6	8.4	10.5	17.7	14.7	16.0	20.8	15.6	17.7
3	10.4	9.3	9.8	14.4	10.7	12.1	18.7	13.4	15.9	20.7	15.7	17.6
4	12.5	8.6	10.3	15.1	10.4	12.6	19.5	14.6	17.1	20.6	15.1	17.4
5	13.4	8.8	10.9	16.7	11.9	13.9	20.7	16.1	18.3	21.8	16.2	18.4
6	13.7	10.1	11.7	15.9	11.7	13.5	18.1	16.2	17.1	22.6	16.5	19.1
7	14.9	11.1	12.9	14.5	11.9	13.1	19.1	16.4	17.5	23.7	16.8	19.9
8	14.2	13.4	13.9	14.7	12.3	13.4	17.4	16.5	16.9	24.9	17.7	20.9
9	14.8	13.3	14.2	12.5	10.9	11.7	21.4	15.8	18.4	23.6	18.7	20.8
10	13.3	9.7	11.6	14.6	10.9	12.4	22.0	17.5	19.6	25.6	18.5	21.7
11	12.6	8.3	10.3	15.3	11.6	13.0	20.2	18.4	19.2	27.1	19.8	23.1
12	13.7	9.3	11.5	16.8	10.7	13.6	21.4	17.4	19.0	27.2	21.2	23.9
13	13.3	12.1	12.7	18.8	13.4	15.9	18.6	16.4	17.5	27.6	21.1	24.0
14	15.6	12.7	13.9	18.0	13.7	15.7	19.1	15.6	16.8	26.9	21.4	23.8
15	16.1	12.8	14.4	15.3	11.9	13.6	21.6	15.0	17.9	24.6	20.9	22.3
16	15.7	13.4	15.0	13.4	11.9	12.6	22.1	16.3	18.7	24.9	18.9	21.5
17	14.3	11.1	12.6	12.0	11.4	11.8	22.4	16.3	18.9	26.3	18.3	21.9
18	14.0	9.6	11.7	15.2	10.4	12.7	23.2	16.8	19.6	26.8	19.7	23.1
19	12.8	10.6	11.7	13.9	11.8	12.9	23.4	17.4	19.8	27.3	20.6	23.9
20	13.3	11.9	12.5	16.5	11.9	14.1	24.0	17.3	20.2	26.3	21.8	23.3
21	17.5	13.3	15.4	17.9	14.2	15.6	22.6	18.5	20.4	27.0	21.1	23.6
22	18.5	15.1	16.4	15.4	14.2	14.7	20.1	18.8	19.6	27.3	21.6	24.0
23	17.3	13.8	15.4	16.9	14.3	15.4	19.6	15.7	18.3	28.5	22.1	24.8
24	15.0	13.4	14.2	19.0	13.3	16.0	19.5	13.8	16.1	28.9	22.1	24.8
25	15.6	11.4	13.3	21.3	15.0	17.9	16.7	13.2	14.9	27.1	20.1	23.2
26	14.4	11.0	12.8	22.2	16.5	19.2	16.4	14.2	15.3	27.6	19.4	23.0
27	13.0	11.7	12.5	20.1	17.8	18.9	20.5	14.9	17.2	28.3	19.9	23.7
28	12.4	11.1	11.6	17.8	13.9	15.1	20.8	15.1	17.6	28.1	21.6	24.5
29	---	---	---	19.5	12.8	16.0	21.7	17.2	19.2	23.7	19.7	20.9
30	---	---	---	20.4	15.4	17.9	19.2	16.8	18.2	20.4	19.2	19.7
31	---	---	---	18.5	17.4	18.0	---	---	---	21.0	19.8	20.4
MONTH	18.5	8.2	12.6	22.2	8.4	14.3	24.0	13.2	18.0	28.9	15.1	21.8

MOBILE RIVER BASIN

02458450 VILLAGE CREEK AT AVE. W AT ENSLEY, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	12.8	6.3	8.3	14.9	5.8	9.1	10.0	8.9	9.3	13.4	8.7	10.3
2	10.4	5.9	7.2	10.9	5.6	7.6	10.6	9.0	9.8	13.3	8.2	10.2
3	9.3	5.9	6.9	8.5	5.0	6.7	11.4	9.3	10.1	13.4	8.2	10.2
4	12.1	6.3	8.4	8.2	7.4	7.8	10.9	9.2	9.9	11.0	3.2	7.5
5	11.9	5.6	8.1	11.3	7.8	9.2	10.3	8.8	9.6	8.4	2.3	4.5
6	12.2	5.5	7.8	12.0	8.0	9.4	8.9	7.8	8.7	8.4	2.3	4.9
7	12.8	5.1	8.1	11.6	6.2	8.6	8.7	7.4	8.2	7.8	2.7	4.8
8	13.1	5.3	8.5	12.8	6.2	8.9	9.9	8.4	9.0	5.7	2.2	3.6
9	10.5	5.6	7.4	14.4	7.9	10.2	8.9	8.0	8.4	7.7	3.5	5.4
10	9.8	5.0	6.9	15.5	7.9	10.7	9.4	8.0	8.7	7.7	4.2	5.6
11	10.8	5.4	7.3	11.8	7.7	9.7	10.1	8.8	9.5	9.7	3.5	5.8
12	11.5	5.3	7.5	9.5	8.1	8.9	10.5	9.2	9.7	9.2	2.8	5.2
13	10.0	5.0	7.0	10.6	8.1	9.2	10.8	9.1	9.9	6.7	3.2	4.7
14	12.8	5.4	8.2	11.4	8.9	9.9	11.9	9.9	10.9	8.3	4.3	6.2
15	13.1	6.6	9.0	12.1	8.7	9.9	12.4	10.8	11.4	10.1	6.0	7.8
16	13.8	6.8	9.5	11.1	8.1	9.3	14.1	10.5	11.7	10.2	6.4	8.1
17	13.9	6.8	9.5	11.2	7.9	9.0	12.2	9.6	11.0	11.4	7.3	9.3
18	13.0	6.3	9.1	11.3	7.5	8.8	12.0	9.3	10.3	11.9	8.1	9.6
19	8.6	5.8	6.9	9.0	6.9	7.8	12.6	9.3	10.8	12.4	7.3	9.5
20	8.5	7.1	7.9	10.0	6.3	7.7	13.5	10.8	11.9	11.9	6.7	9.1
21	9.6	6.8	7.9	9.3	6.5	8.0	13.3	9.7	11.4	12.6	6.1	8.3
22	10.6	6.5	7.9	9.2	8.1	8.5	10.1	8.7	9.4	11.5	4.6	7.5
23	12.0	6.3	8.4	8.6	7.8	8.3	10.6	9.5	10.0	10.3	6.5	7.5
24	8.5	6.5	7.5	8.8	7.9	8.2	12.1	10.4	11.2	11.1	8.6	9.3
25	11.1	6.5	8.0	9.4	8.1	8.9	12.4	10.7	11.3	13.9	7.5	10.5
26	12.4	6.5	8.5	9.9	8.9	9.3	12.4	10.6	11.3	14.0	7.5	10.1
27	13.2	5.9	8.5	10.8	8.9	9.6	12.8	10.4	11.4	14.9	7.4	10.5
28	12.1	5.3	7.7	10.0	8.8	9.2	13.1	10.4	11.4	13.5	7.9	10.5
29	13.8	5.7	8.6	10.1	8.7	9.3	12.9	9.9	11.0	10.8	9.2	10.0
30	12.0	5.8	8.0	9.4	8.3	8.8	12.2	9.4	10.5	11.8	8.6	9.8
31	14.3	5.8	8.8	---	---	---	13.5	8.8	10.6	13.5	8.6	10.5
MONTH	14.3	5.0	8.0	15.5	5.0	8.9	14.1	7.4	10.3	14.9	2.2	8.0
FEBRUARY			MARCH			APRIL			MAY			
1	12.0	7.9	9.4	11.9	8.6	10.0	8.7	7.6	8.1	11.0	6.3	8.5
2	10.9	8.2	9.9	14.3	9.3	11.5	9.9	7.9	8.9	11.4	6.3	8.2
3	11.5	9.4	10.2	15.4	11.4	12.9	10.2	7.8	9.1	12.4	5.9	8.6
4	13.2	9.3	10.8	15.5	11.1	12.9	10.3	7.3	8.8	13.4	6.1	9.1
5	13.2	8.8	10.6	16.2	10.9	13.0	10.4	6.9	8.4	14.4	5.0	9.1
6	13.6	8.4	10.4	16.8	10.6	13.1	10.0	6.1	7.7	14.4	5.1	9.0
7	14.3	7.9	10.4	14.8	10.5	12.3	7.5	4.8	5.7	14.3	4.5	8.9
8	9.0	7.2	8.3	12.9	11.6	12.1	---	---	---	14.7	3.1	8.2
9	8.7	7.6	8.1	13.1	11.5	12.1	---	---	---	---	---	---
10	12.4	8.0	10.1	13.0	10.7	11.7	---	---	---	12.7	5.5	10.2
11	13.3	9.0	10.8	12.7	9.8	11.3	11.6	7.3	9.8	11.4	4.9	7.8
12	13.8	7.5	10.6	13.1	9.7	11.1	11.1	6.5	8.2	11.2	4.0	7.3
13	11.4	7.4	9.1	14.2	9.4	11.3	11.6	6.2	8.7	12.8	3.7	7.6
14	10.4	8.1	9.4	13.9	9.7	11.3	14.0	6.9	9.4	14.3	3.6	8.1
15	12.7	7.8	9.7	---	---	---	14.4	7.0	9.9	7.4	3.0	4.9
16	11.3	7.2	8.8	---	---	---	15.5	6.2	9.9	12.1	4.0	7.4
17	13.8	7.9	10.3	11.3	8.4	9.6	16.0	6.1	10.0	15.2	4.5	8.9
18	14.3	8.4	10.7	13.5	8.3	10.6	15.7	6.0	9.8	16.1	4.3	9.2
19	14.0	8.1	10.2	13.4	8.0	10.1	16.1	5.7	10.1	17.2	3.8	9.1
20	13.3	7.8	9.8	14.4	7.6	10.3	15.8	5.5	9.7	15.7	3.2	7.8
21	10.1	6.9	8.2	14.3	6.8	9.8	14.3	5.0	9.0	8.1	4.4	6.1
22	13.4	6.8	9.2	9.1	6.8	8.1	9.6	4.9	6.5	10.2	3.4	6.4
23	13.9	6.4	9.4	10.2	7.7	8.8	8.5	4.9	6.3	13.0	4.4	7.9
24	9.4	7.5	8.3	11.7	7.7	9.5	12.0	5.4	8.2	12.3	4.7	8.0
25	12.0	7.5	9.5	12.6	7.3	9.5	12.4	5.5	8.8	14.0	4.3	8.4
26	12.4	8.0	9.8	13.0	7.0	9.4	9.2	5.9	7.1	15.0	4.9	9.0
27	10.7	7.6	8.9	9.4	7.1	7.8	10.1	5.4	7.3	16.2	4.6	9.4
28	9.9	8.6	9.1	10.3	7.4	8.7	10.7	5.3	7.6	16.2	3.8	9.1
29	---	---	---	11.8	7.3	9.6	12.2	5.0	8.0	7.9	3.7	6.4
30	---	---	---	11.8	7.1	8.9	8.1	4.9	6.9	8.3	4.9	7.4
31	---	---	---	8.5	7.8	8.1	---	---	---	9.3	6.9	7.9
MONTH	14.3	6.4	9.6	16.8	6.8	10.5	16.1	4.8	8.4	17.2	3.0	8.1

02458502 VILLAGE CREEK NEAR PRATT CITY, AL

LOCATION.--Lat 33°31'59", long 86°53'59", in SW 1/4 sec. 30, T. 17 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on bank just upstream of railroad bridge, 1 mi southwest of Pratt City, and at mile 27.8.

DRAINAGE AREA.--36.7 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 500 ft above NGVD of 1929 from topographic map.

REMARKS.--Estimated daily discharge: Feb. 27. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1830	3,640	13.86	Jun 6	1600	3,130	12.73
Nov 24	1015	*3,930	*14.42				

Minimum discharge, 20 ft³/s, on several days, gage height, 1.06 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	26	196	39	53	81	660	67	722	43	61	30
2	26	36	92	36	158	69	190	51	163	49	48	29
3	25	215	77	36	83	64	123	45	105	37	39	31
4	24	151	67	36	60	58	97	42	72	35	36	29
5	25	47	87	36	52	55	83	38	160	34	38	25
6	24	39	120	46	46	54	178	36	688	214	35	26
7	23	37	354	42	44	488	279	35	160	212	75	26
8	24	33	102	126	134	216	117	35	254	50	72	28
9	27	30	412	45	106	108	88	32	107	73	69	27
10	29	29	147	40	72	100	76	34	109	340	71	26
11	31	570	99	39	61	81	65	32	132	688	41	26
12	28	136	82	39	57	72	76	31	284	115	40	25
13	27	69	70	160	75	68	63	31	106	140	34	24
14	26	53	61	75	175	75	55	29	84	140	31	25
15	26	42	55	56	75	61	50	113	72	181	29	24
16	24	37	52	52	67	68	47	34	63	85	28	26
17	23	36	48	48	59	64	45	35	56	66	28	32
18	24	35	46	46	53	64	43	31	48	79	27	27
19	243	51	43	45	52	59	41	29	40	126	28	24
20	70	39	41	46	61	53	42	199	41	125	26	23
21	35	560	40	45	82	49	42	51	53	73	26	24
22	31	1,060	135	44	52	256	95	34	44	55	43	23
23	39	582	238	40	141	87	58	30	39	52	30	23
24	113	1,870	67	38	145	72	42	29	37	50	28	27
25	34	244	56	38	71	66	38	28	39	45	27	36
26	30	154	50	39	61	62	215	27	37	64	25	254
27	38	307	45	38	e86	189	62	25	36	74	25	30
28	32	135	42	37	123	113	48	27	351	55	25	23
29	31	103	43	90	---	69	44	543	80	391	56	22
30	28	148	41	47	---	85	321	147	50	89	99	21
31	27	---	38	43	---	926	---	89	---	47	32	---
TOTAL	1,214	6,874	3,046	1,587	2,304	3,932	3,383	2,009	4,232	3,827	1,272	1,016
MEAN	39.2	229	98.3	51.2	82.3	127	113	64.8	141	123	41.0	33.9
MAX	243	1,870	412	160	175	926	660	543	722	688	99	254
MIN	23	26	38	36	44	49	38	25	36	34	25	21
CFSM	1.07	6.24	2.68	1.39	2.24	3.46	3.07	1.77	3.84	3.36	1.12	0.92
IN.	1.23	6.97	3.09	1.61	2.34	3.99	3.43	2.04	4.29	3.88	1.29	1.03

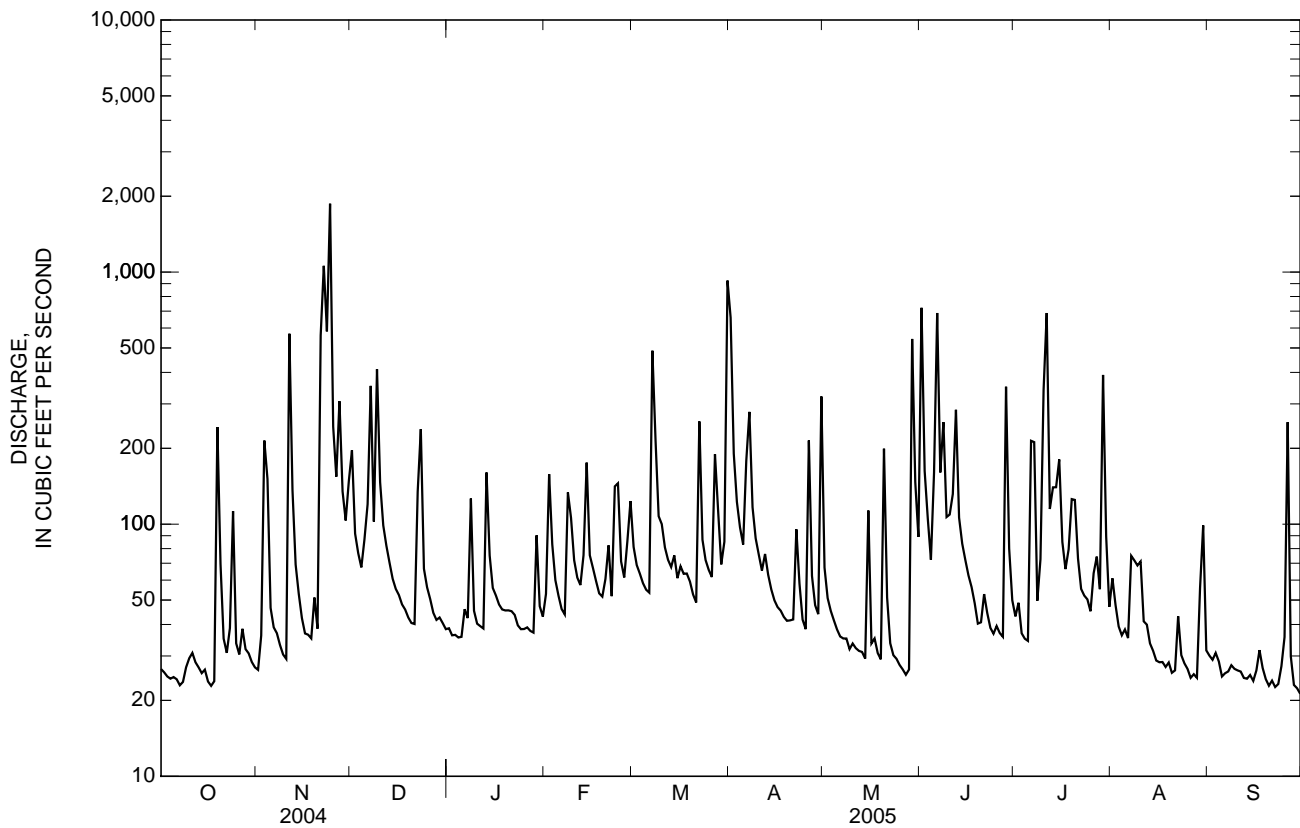
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	48.8	88.7	84.7	114	120	146	120	103	101	78.6	50.7	65.0
MAX	110	229	158	219	193	250	226	365	168	123	93.6	164
(WY)	(2003)	(2005)	(2003)	(1998)	(1998)	(2000)	(2000)	(2003)	(1999)	(2005)	(2003)	(2004)
MIN	21.9	44.4	32.6	51.2	54.2	66.9	52.0	30.6	42.7	43.5	25.4	19.6
(WY)	(2004)	(2004)	(2001)	(2005)	(2000)	(2004)	(2004)	(2000)	(2000)	(2001)	(1999)	(2000)

02458502 VILLAGE CREEK NEAR PRATT CITY, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	34,087		34,696		93.2	
ANNUAL MEAN	93.1		95.1		127	
HIGHEST ANNUAL MEAN					72.1	
LOWEST ANNUAL MEAN					2,880	
HIGHEST DAILY MEAN	2,880	Feb 6	1,870	Nov 24	2,880	Feb 6, 2004
LOWEST DAILY MEAN	21	Aug 9	21	Sep 30	11	Sep 24, 1999
ANNUAL SEVEN-DAY MINIMUM	24	Aug 3	24	Oct 2	14	Oct 27, 2000
MAXIMUM PEAK FLOW			3,930	Nov 24	6,610	Feb 6, 2004
MAXIMUM PEAK STAGE			14.42	Nov 24	17.88	Feb 6, 2004
ANNUAL RUNOFF (CFSM)	2.54		2.59		2.54	
ANNUAL RUNOFF (INCHES)	34.55		35.17		34.52	
10 PERCENT EXCEEDS	152		184		174	
50 PERCENT EXCEEDS	39		50		43	
90 PERCENT EXCEEDS	26		26		22	

e Estimated



02458600 VILLAGE CREEK NEAR DOCENA, AL

LOCATION.--Lat 33°32'53", long 86°55'33", in N 1/2 sec. 23, T. 17 S., R. 4 W., Jefferson County, Hydrologic Unit 03160111, near right bank on downstream side of bridge on Minor Parkway, 0.5 mi south of Docena, and at mile 23.0.

DRAINAGE AREA.--52.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1996 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 510 ft above NGVD of 1929 from topographic map.

REMARKS.--Estimated discharge: Feb. 27, 28, June 18, 19, Aug. 10, 11, 13, 14, 17, 18. Water-discharge records fair due to effects of Bay View Lake. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	2100	3,830	9.07	Nov 24	1130	*4,580	*10.19

Minimum discharge, 22 ft³/s, Sept. 30, gage height, 1.18 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	68	63	420	100	47	184	1,130	166	1,040	114	119	58
2	62	91	247	94	231	141	510	130	360	113	112	56
3	61	311	202	90	150	121	365	125	277	91	86	56
4	57	365	183	99	100	107	288	109	187	85	78	52
5	58	146	185	93	74	95	234	95	234	88	74	47
6	56	112	275	107	48	75	284	81	897	201	73	50
7	51	98	634	98	54	478	545	71	401	453	112	47
8	49	93	306	230	211	603	313	74	400	132	154	53
9	58	79	669	114	194	242	247	66	270	159	142	50
10	63	69	390	109	145	223	210	74	232	434	e147	50
11	88	783	280	101	117	174	186	64	263	1,190	e121	51
12	72	315	227	88	101	144	207	61	540	354	97	54
13	69	180	201	236	101	128	176	64	295	320	e82	55
14	64	131	175	187	321	141	157	61	220	334	e76	55
15	63	112	155	116	163	112	142	186	192	335	70	53
16	56	100	144	96	138	123	128	82	170	223	67	54
17	55	89	136	73	115	115	122	70	156	169	e66	54
18	52	83	127	54	97	103	118	62	e140	169	e62	52
19	271	96	137	51	80	90	116	61	e121	204	63	44
20	190	94	116	48	81	80	112	235	118	218	61	42
21	88	757	106	46	155	75	112	144	144	165	61	40
22	93	1,350	185	48	97	357	175	70	125	122	87	36
23	73	1,160	481	41	161	182	148	64	125	109	86	37
24	211	2,730	193	39	340	126	107	63	115	101	63	38
25	104	545	158	39	155	115	99	56	109	96	63	40
26	81	381	140	42	123	103	312	56	106	112	56	371
27	89	505	125	41	e200	285	154	52	103	161	55	59
28	95	333	118	50	e290	253	108	54	426	142	55	32
29	75	253	115	122	---	159	95	688	205	416	73	31
30	80	262	109	47	---	144	473	309	131	239	201	28
31	69	---	104	39	---	1,490	---	171	---	103	70	---
TOTAL	2,621	11,686	7,043	2,738	4,089	6,768	7,373	3,664	8,102	7,152	2,732	1,745
MEAN	84.5	390	227	88.3	146	218	246	118	270	231	88.1	58.2
MAX	271	2,730	669	236	340	1,490	1,130	688	1,040	1,190	201	371
MIN	49	63	104	39	47	75	95	52	103	85	55	28
CFSM	1.62	7.46	4.35	1.69	2.80	4.18	4.71	2.26	5.17	4.42	1.69	1.11
IN.	1.87	8.33	5.02	1.95	2.91	4.82	5.25	2.61	5.77	5.10	1.95	1.24

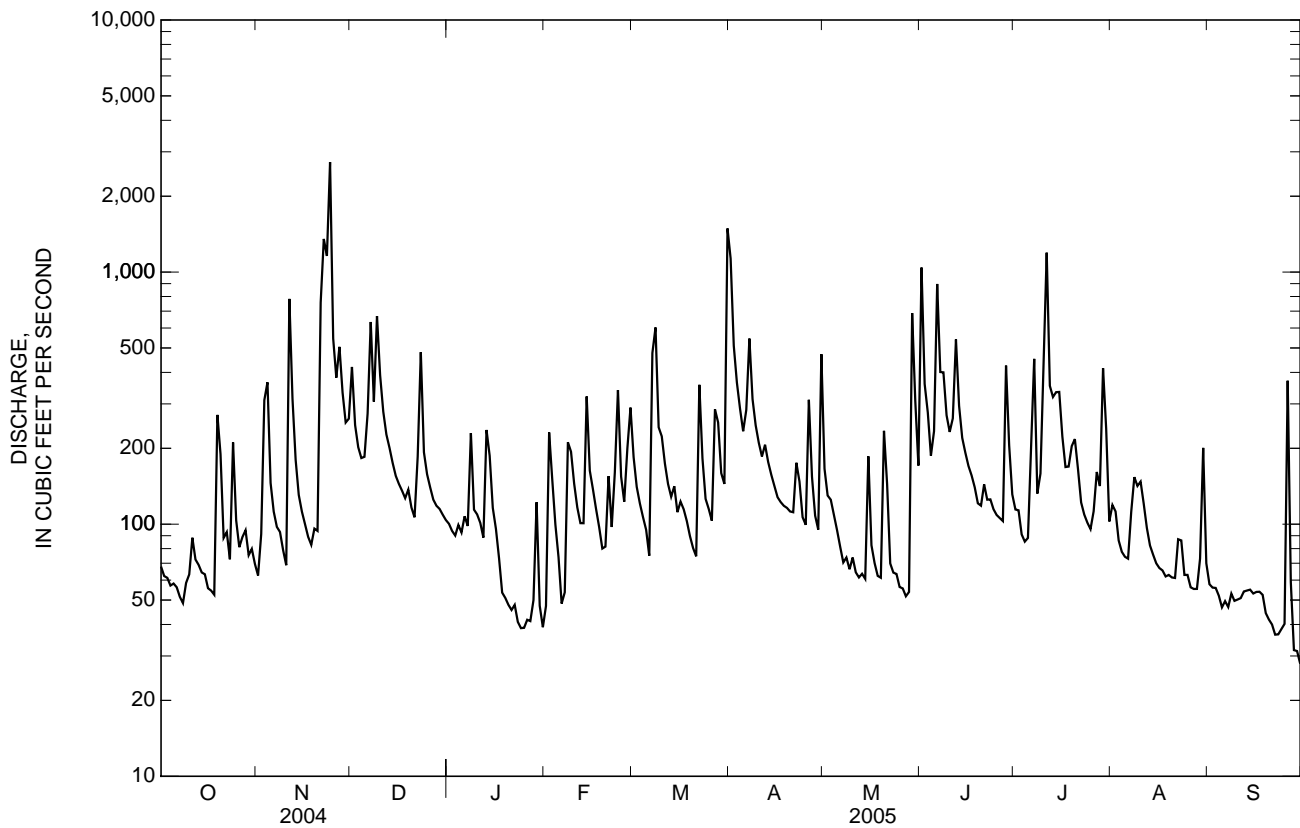
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	102	161	165	203	215	245	202	178	175	150
MAX	188	390	296	364	356	379	376	574	270	231
(WY)	(2003)	(2005)	(2003)	(1998)	(2004)	(2000)	(2000)	(2003)	(2005)	(2005)
MIN	65.1	96.4	94.2	88.3	105	161	86.3	97.5	103	94.3
(WY)	(2004)	(2004)	(2001)	(2005)	(2000)	(2004)	(2004)	(2000)	(1998)	(2004)

02458600 VILLAGE CREEK NEAR DOCENA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	65,419		65,713		169	
ANNUAL MEAN	179		180		231	
HIGHEST ANNUAL MEAN					142	
LOWEST ANNUAL MEAN					2003	
HIGHEST DAILY MEAN	4,380	Feb 6	2,730	Nov 24	4,380	Feb 6, 2004
LOWEST DAILY MEAN	31	Apr 24	28	Sep 30	28	Sep 30, 2005
ANNUAL SEVEN-DAY MINIMUM	38	Apr 19	40	Sep 19	38	Apr 19, 2004
MAXIMUM PEAK FLOW			4,580	Nov 24	7,110	Feb 6, 2004
MAXIMUM PEAK STAGE			10.19	Nov 24	13.54	Feb 6, 2004
ANNUAL RUNOFF (CFSM)	3.42		3.45		3.25	
ANNUAL RUNOFF (INCHES)	46.62		46.83		44.10	
10 PERCENT EXCEEDS	309		355		304	
50 PERCENT EXCEEDS	102		113		103	
90 PERCENT EXCEEDS	60		53		72	

e Estimated



02458600 VILLAGE CREEK NEAR DOCENA, AL—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- June 1996 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: June 1996 to current year.

WATER TEMPERATURES: June 1996 to current year.

DISSOLVED OXYGEN.: June 1996 to current year.

INSTRUMENTATION.--Water-quality monitor since June 1996.

REMARKS.--Maximum and minimum values given in EXTREMES FOR PERIOD OF RECORD and EXTREMES FOR CURRENT YEAR may have been exceeded during periods of missing record.

EXTREMES FOR PERIOD OF RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 637 μ S/cm, June 18, 1998; minimum, 58 μ S/cm, May 10, 1998.

WATER TEMPERATURE: Maximum, 30.9°C, July 20, 2000; minimum, 6.4°C, Dec. 14, 1997.

DISSOLVED OXYGEN: Maximum, 14.0 mg/L, Mar. 19, 2004; minimum, 1.1 mg/L, June 20, 2004.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 498 μ S/cm, Oct. 14; minimum, 99 μ S/cm, July 29.

WATER TEMPERATURE: Maximum, 29.8°C, Aug. 21; minimum, 8.8°C, Jan. 29.

DISSOLVED OXYGEN: Maximum, 13.0 mg/L, Jan. 25; minimum, 3.9 mg/L, June 30.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	477	464	472	474	464	470	408	242	336	471	462	468
2	477	469	473	466	421	454	440	408	427	470	462	467
3	476	472	473	458	215	359	460	440	450	464	453	461
4	487	467	474	390	183	306	471	459	467	475	455	468
5	481	467	477	445	390	426	475	411	464	478	469	474
6	490	476	481	462	445	455	413	351	385	478	460	473
7	488	481	485	468	462	465	434	164	315	471	460	465
8	495	486	490	472	467	469	419	350	395	462	254	346
9	488	481	484	479	467	474	419	153	314	453	403	430
10	489	482	486	484	472	477	413	308	374	462	442	457
11	484	458	474	472	138	311	438	413	427	473	460	468
12	495	478	483	404	347	373	448	435	444	475	471	473
13	488	477	483	456	404	438	458	448	452	479	235	399
14	498	485	491	471	456	465	468	454	464	431	281	383
15	496	483	489	472	467	469	472	467	470	453	431	445
16	492	482	489	479	468	474	483	469	474	457	450	454
17	490	483	487	483	477	480	482	478	480	460	454	455
18	490	473	481	485	479	482	485	480	483	467	457	463
19	479	154	389	483	458	475	485	481	483	472	465	468
20	397	169	316	468	452	459	482	480	481	476	471	474
21	456	397	431	472	136	324	485	477	482	473	469	471
22	491	456	471	382	118	279	484	243	448	472	468	470
23	481	465	478	342	164	282	384	186	299	473	466	470
24	469	249	330	345	125	211	433	384	413	473	464	468
25	450	402	429	414	345	389	443	432	438	468	463	466
26	467	448	457	428	414	418	446	441	444	473	467	469
27	472	455	466	441	223	361	456	446	451	475	469	472
28	455	432	443	415	334	390	467	451	462	482	465	472
29	468	446	461	439	415	431	468	440	460	471	351	392
30	475	461	470	454	293	438	471	452	465	453	392	425
31	475	466	472	---	---	---	474	460	470	459	450	455
MONTH	498	154	461	485	118	410	485	153	433	482	235	452

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	459	444	453	415	384	405	342	174	255	434	361	405
2	452	253	350	431	415	426	381	243	337	446	430	439
3	408	361	383	451	429	441	399	381	391	460	445	453
4	437	408	428	456	446	453	416	399	408	487	457	468
5	452	435	446	462	453	459	433	416	427	472	461	467
6	451	448	450	463	457	460	444	213	416	473	465	470
7	453	447	451	463	128	394	367	179	292	472	465	470
8	448	319	379	373	144	305	395	364	383	477	466	472
9	408	374	389	410	373	400	425	395	415	472	464	470
10	432	378	411	417	393	401	438	425	432	483	463	471
11	445	432	441	436	417	430	450	435	444	480	474	477
12	454	445	450	449	436	445	449	416	437	479	471	475
13	456	391	451	455	442	448	457	440	450	482	473	478
14	391	269	327	443	418	431	465	445	457	481	474	478
15	424	381	411	450	425	441	466	457	462	475	259	359
16	439	424	434	446	437	443	470	459	466	426	355	405
17	448	438	444	453	443	449	469	460	465	453	436	447
18	453	446	450	454	447	452	464	459	462	476	453	472
19	457	449	453	456	447	452	467	459	464	487	470	483
20	459	428	454	460	452	457	471	460	467	486	188	444
21	428	360	388	456	448	453	473	456	468	---	---	---
22	442	402	428	451	159	344	472	306	430	---	---	---
23	450	247	429	406	310	378	437	355	397	---	---	---
24	388	202	317	429	406	422	464	437	453	485	478	482
25	419	388	410	442	427	435	466	461	463	490	473	481
26	437	419	430	451	433	444	463	210	362	490	474	483
27	440	213	397	433	244	333	424	321	389	497	477	487
28	384	213	328	383	241	333	456	424	445	493	458	485
29	---	---	---	426	383	409	468	454	462	485	121	306
30	---	---	---	458	364	433	465	145	317	357	282	314
31	---	---	---	364	143	215	---	---	---	428	332	401
MONTH	459	202	414	463	128	413	473	145	417	497	121	448
	JUNE			JULY			AUGUST			SEPTEMBER		
1	341	158	244	464	451	459	455	283	421	464	431	445
2	413	303	382	463	426	446	438	396	431	463	457	460
3	421	259	366	465	439	453	461	436	454	464	453	459
4	445	421	437	465	459	462	469	457	464	469	455	462
5	456	204	425	464	457	461	467	454	462	470	453	463
6	387	116	272	465	148	433	461	384	443	463	452	457
7	429	272	380	387	130	304	468	300	447	463	449	457
8	453	154	394	440	387	418	414	212	331	475	456	466
9	437	310	400	453	235	429	429	282	390	472	460	467
10	450	376	430	395	159	321	429	267	369	472	460	466
11	426	369	400	373	148	259	422	309	388	477	463	468
12	382	251	324	408	201	372	446	421	439	474	455	466
13	433	382	415	402	285	348	458	435	451	476	458	466
14	450	433	444	390	239	332	467	430	456	474	463	469
15	459	450	455	385	270	347	465	442	459	478	465	469
16	464	455	459	432	295	384	466	442	457	473	462	467
17	479	453	463	450	432	443	466	437	457	469	455	464
18	468	453	463	453	344	443	468	459	465	460	448	455
19	469	447	461	442	213	403	474	448	466	462	452	459
20	465	440	455	417	213	341	475	459	468	465	449	456
21	458	436	449	440	292	390	472	451	463	469	456	463
22	462	416	446	463	440	456	470	346	447	478	462	468
23	466	439	457	466	456	463	439	332	392	477	463	471
24	468	458	463	468	456	461	454	439	450	480	460	472
25	467	437	461	461	451	457	455	438	446	468	409	451
26	470	426	461	492	432	459	470	450	461	454	154	278
27	467	463	466	454	253	381	471	459	464	425	342	393
28	469	131	380	425	318	395	473	454	465	445	424	435
29	428	277	375	450	99	366	474	426	467	461	444	452
30	451	394	426	413	199	364	426	234	312	466	453	458
31	---	---	---	455	413	442	431	394	412	---	---	---
MONTH	479	116	415	492	99	403	475	212	435	480	154	453
YEAR	498	99	430									

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	23.9	21.0	22.5	23.4	22.3	22.9	16.2	15.3	15.8	16.5	14.8	15.6
2	24.5	22.2	23.3	23.2	22.6	22.9	16.0	14.3	15.2	17.1	15.8	16.5
3	24.4	23.0	23.9	22.8	21.8	22.3	15.5	13.8	14.7	17.2	15.5	16.4
4	23.7	21.3	22.6	22.1	20.0	21.2	15.8	14.4	15.1	17.4	16.2	16.8
5	23.5	21.7	22.6	20.0	18.4	19.2	15.4	14.6	15.0	17.0	15.8	16.3
6	23.7	21.5	22.7	19.0	16.9	18.0	17.0	14.8	15.9	17.0	16.0	16.7
7	23.5	22.4	23.0	19.6	17.0	18.3	18.0	17.0	17.6	16.8	15.4	15.9
8	23.1	22.0	22.5	19.1	17.8	18.5	17.2	15.8	16.6	16.9	15.5	16.5
9	22.2	21.7	21.9	18.4	16.8	17.7	17.9	16.5	17.3	15.5	13.7	14.7
10	22.2	21.7	22.0	18.4	17.0	17.7	17.6	15.9	17.0	16.6	14.3	15.3
11	23.3	21.8	22.4	18.3	14.5	16.5	15.9	14.6	15.1	17.9	16.1	17.0
12	23.8	22.7	23.2	19.1	17.7	18.4	15.6	14.5	15.0	17.7	17.4	17.5
13	23.6	20.9	21.9	18.4	17.6	18.1	15.1	14.0	14.8	17.4	15.6	16.7
14	20.9	19.8	20.5	17.9	16.8	17.4	14.0	12.3	13.0	15.6	13.7	14.9
15	20.5	18.6	19.3	17.6	15.8	16.7	12.9	11.3	12.1	14.1	12.8	13.5
16	20.0	18.1	19.1	17.7	15.9	16.7	13.3	11.2	12.4	13.6	12.0	12.9
17	21.4	19.0	20.1	18.6	16.3	17.4	14.4	12.8	13.5	12.0	10.2	11.0
18	22.0	21.0	21.5	18.4	17.0	17.8	14.1	12.2	13.2	11.4	9.4	10.5
19	22.0	19.9	21.5	18.2	17.5	17.8	13.6	11.1	12.5	11.6	10.1	10.8
20	22.5	19.9	21.3	19.1	18.1	18.6	11.2	10.0	10.6	13.0	10.5	11.7
21	23.1	21.8	22.4	18.9	16.3	17.7	13.6	10.5	11.8	14.8	12.1	13.4
22	22.8	22.0	22.3	18.3	17.2	17.9	13.6	12.9	13.3	14.8	12.8	14.1
23	22.2	21.2	21.5	19.2	17.2	18.4	13.3	10.6	12.2	12.8	9.8	10.5
24	22.7	20.2	21.4	19.3	18.2	18.7	10.9	10.2	10.5	11.1	8.9	10.0
25	22.9	20.7	21.8	18.3	16.6	17.2	11.1	9.8	10.4	13.0	10.0	11.4
26	23.3	21.3	22.3	17.2	16.1	16.5	11.9	10.0	11.0	15.1	12.5	13.7
27	23.8	22.0	22.9	16.1	12.8	14.7	12.2	10.2	11.2	14.5	12.3	13.4
28	24.0	22.4	23.2	16.7	15.2	15.8	13.0	10.6	11.7	13.5	12.0	12.7
29	23.8	22.5	23.3	17.0	15.4	16.2	13.8	11.6	12.6	12.0	8.8	10.1
30	23.5	22.4	22.9	17.8	16.0	17.0	15.0	13.0	14.0	12.4	11.1	11.6
31	23.4	22.4	22.9	---	---	---	15.9	14.1	15.0	13.4	12.0	12.5
MONTH	24.5	18.1	22.1	23.4	12.8	18.1	18.0	9.8	13.7	17.9	8.8	13.9
FEBRUARY			MARCH			APRIL			MAY			
1	13.4	12.2	13.0	13.8	11.8	12.7	18.1	16.8	17.4	20.0	16.6	18.2
2	13.2	9.0	11.2	13.9	10.9	12.4	17.1	15.3	16.2	19.9	16.4	18.2
3	12.9	11.3	12.0	14.9	12.5	13.6	17.8	14.7	16.2	19.7	16.8	18.3
4	13.8	11.2	12.6	15.7	12.3	14.1	18.7	15.5	17.1	19.9	16.5	18.3
5	14.4	11.3	13.0	16.6	13.6	15.1	19.8	16.7	18.1	20.7	17.4	19.0
6	14.3	12.3	13.4	15.8	13.5	14.7	18.2	17.0	17.4	21.3	18.0	19.6
7	15.6	13.4	14.4	14.9	13.5	14.1	18.8	16.7	17.6	22.3	18.1	20.2
8	15.4	14.2	15.0	15.1	13.4	14.1	17.7	16.9	17.2	22.9	18.9	20.9
9	15.6	15.1	15.4	13.7	12.5	13.1	20.4	16.5	18.3	22.1	19.8	21.1
10	15.1	12.9	13.8	14.8	12.6	13.5	20.9	17.7	19.2	23.4	19.8	21.5
11	14.0	11.6	12.8	15.5	13.2	14.2	19.6	18.4	19.0	24.6	20.8	22.6
12	15.0	12.0	13.5	16.7	12.8	14.7	20.4	18.0	19.0	24.8	21.9	23.4
13	14.8	14.0	14.4	18.1	14.6	16.3	18.9	17.4	18.2	24.7	21.7	23.3
14	15.7	13.8	14.7	17.5	15.1	16.3	18.6	16.6	17.5	24.4	21.9	23.4
15	16.4	14.0	15.1	16.1	13.9	15.1	20.3	16.1	18.1	24.0	21.3	22.6
16	16.3	15.1	15.7	15.2	13.9	14.3	20.8	17.1	18.8	23.0	21.0	22.4
17	15.1	13.6	14.3	14.0	13.3	13.7	20.9	17.0	19.0	23.9	20.4	22.7
18	14.9	11.9	13.5	15.9	12.5	14.3	21.4	17.6	19.5	24.4	21.1	23.4
19	14.4	12.5	13.4	15.3	13.6	14.4	21.4	18.1	19.8	24.8	22.0	24.0
20	14.3	13.7	14.0	16.5	13.8	15.2	22.0	18.1	20.1	24.5	22.9	23.8
21	17.3	14.1	15.7	17.4	15.2	16.3	21.7	19.0	20.3	---	---	---
22	17.8	15.9	16.8	16.8	14.9	15.6	20.8	19.5	20.1	---	---	---
23	17.4	14.8	16.1	17.0	15.4	16.1	19.9	18.1	19.1	---	---	---
24	15.7	14.4	15.0	18.4	14.7	16.5	18.7	15.8	17.3	25.5	23.0	24.8
25	15.7	13.4	14.5	19.9	15.8	17.8	18.0	15.5	16.8	24.4	21.8	23.3
26	15.2	12.7	14.0	20.9	17.0	18.9	17.1	15.6	16.5	24.2	21.1	22.9
27	14.4	11.7	13.4	19.6	18.3	18.8	19.7	16.1	17.8	24.7	21.6	23.3
28	13.6	11.8	12.8	18.5	15.4	16.4	20.2	16.2	18.3	25.1	22.8	24.1
29	---	---	---	18.8	14.2	16.5	20.9	18.4	19.6	24.7	20.0	21.6
30	---	---	---	20.0	16.2	17.9	20.5	18.0	19.0	20.8	19.7	20.3
31	---	---	---	18.2	17.4	17.8	---	---	---	21.4	20.4	20.8
MONTH	17.8	9.0	14.1	20.9	10.9	15.3	22.0	14.7	18.3	25.5	16.4	21.7

MOBILE RIVER BASIN

02458600 VILLAGE CREEK NEAR DOCENA, AL—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	8.9	6.3	7.5	8.7	7.0	8.0	9.1	8.8	9.0	11.5	8.9	10
2	9.3	6.3	7.7	8.2	7.0	7.7	9.6	9.0	9.2	11.4	8.5	9.7
3	9.0	6.2	7.6	7.7	6.7	7.2	10.3	9.0	9.6	11.4	8.3	9.6
4	9.0	6.4	7.6	8.4	7.6	8.0	10.0	9.5	9.7	11.1	8.2	9.3
5	9.0	6.3	7.6	9.4	8.3	8.9	9.5	9.2	9.4	10.2	8.0	8.9
6	9.1	6.2	7.6	9.8	8.9	9.3	9.2	8.5	8.8	10.6	7.7	8.7
7	8.7	6.1	7.4	9.9	8.7	9.2	8.9	8.2	8.6	10.0	7.7	8.6
8	9.0	6.4	7.8	10.1	8.5	9.3	9.4	8.9	9.2	8.6	7.5	8.1
9	8.2	6.5	7.3	10.9	8.9	9.9	9.2	8.6	8.9	10.0	8.1	8.9
10	7.2	6.0	6.7	11.4	9.2	10.3	9.4	8.7	9.1	10.2	8.5	9.2
11	7.5	5.6	6.4	11.2	9.5	10.2	9.8	9.3	9.5	10.2	8.0	8.9
12	7.2	5.2	6.3	9.9	9.6	9.7	9.9	9.5	9.6	9.6	7.6	8.5
13	7.2	5.6	6.4	10.3	9.5	9.9	9.9	9.4	9.6	8.9	7.8	8.2
14	8.1	6.6	7.3	10.8	9.8	10.2	10.6	9.7	10.1	9.7	8.1	8.9
15	8.4	6.7	7.7	10.5	8.8	9.8	10.6	10.0	10.3	10.8	9.0	9.7
16	9.0	7.3	8.2	9.4	8.6	8.9	10.6	9.6	10.1	11.0	9.2	9.9
17	9.2	7.3	8.3	9.3	8.3	8.7	10.0	9.3	9.6	11.5	9.7	10.4
18	8.4	6.8	7.8	9.1	8.0	8.5	9.8	8.8	9.3	11.9	10.0	10.8
19	8.1	5.9	6.8	8.4	7.8	8.1	10.3	8.9	9.6	11.4	9.7	10.4
20	7.5	6.7	6.9	8.5	7.4	7.9	11.2	9.8	10.4	11.5	9.4	10.3
21	7.0	6.3	6.7	9.1	7.5	8.2	11.2	9.7	10.4	11.4	8.8	9.8
22	8.3	6.2	7.1	8.9	8.3	8.5	9.7	8.9	9.3	11.0	7.8	9.3
23	7.7	6.6	7.2	8.4	8.0	8.2	10.3	9.2	9.9	12.0	8.9	10.3
24	7.7	6.8	7.0	8.5	7.6	8.1	11.2	10.3	10.7	12.6	9.7	10.8
25	8.1	6.8	7.4	8.8	7.9	8.6	11.3	10.6	10.8	13.0	9.4	11.0
26	8.2	6.8	7.5	9.2	8.7	8.9	11.4	10.4	10.8	12.1	8.9	10.2
27	8.4	6.8	7.6	10.0	8.7	9.1	11.5	10.6	10.9	12.3	8.6	10.3
28	8.1	6.3	7.2	9.2	8.8	9.0	11.6	10.4	10.8	11.3	9.1	10.1
29	8.4	6.5	7.4	9.2	8.7	8.9	11.7	10.1	10.6	10.8	10.0	10.4
30	8.2	6.3	7.3	8.9	8.5	8.7	11.5	9.8	10.4	11.1	9.5	10.1
31	8.7	7.0	7.9	---	---	---	11.3	9.5	10.3	11.6	9.2	10.2
MONTH	9.3	5.2	7.3	11.4	6.7	8.9	11.7	8.2	9.8	13.0	7.5	9.7
FEBRUARY			MARCH			APRIL			MAY			
1	11.0	9.0	9.9	11.3	9.8	10.4	9.3	8.5	8.8	9.0	7.3	8.0
2	11.5	9.1	10.2	11.7	10.2	10.8	10.1	8.6	9.6	9.1	6.7	7.9
3	10.7	9.8	10.2	11.7	9.6	10.3	10.7	9.6	10.1	9.8	7.3	8.5
4	11.7	10.0	10.7	11.3	9.3	10.2	10.6	9.2	9.9	10.1	7.9	8.8
5	11.8	9.8	10.7	11.3	9.1	10	10.2	8.1	9.4	10.0	7.5	8.7
6	11.9	9.7	10.7	12.0	8.9	10.2	9.7	8.1	8.9	9.9	7.4	8.7
7	11.8	9.5	10.4	10.4	9.0	9.7	9.5	8.0	8.9	10.0	7.1	8.5
8	9.8	9.0	9.4	10.0	9.2	9.7	8.8	7.9	8.3	9.4	6.9	8.2
9	9.4	8.6	9.0	10.8	9.8	10.2	9.4	7.7	8.5	9.4	6.2	7.8
10	11.5	9.1	10.2	10.7	9.8	10.2	9.2	7.5	8.2	9.4	6.3	7.8
11	12.1	10.2	10.9	10.8	9.7	10.1	8.9	7.2	8.0	8.8	5.7	7.3
12	12.4	10.0	10.9	10.9	9.5	10.1	8.6	7.0	7.7	8.8	5.4	7.0
13	10.8	9.0	9.9	10.6	9.0	9.6	9.0	7.1	7.9	8.8	5.4	7.1
14	9.9	9.2	9.7	10.9	8.8	9.6	9.5	7.3	8.2	9.0	5.8	7.4
15	10.8	8.9	9.7	10.9	9.2	9.9	10.1	7.3	8.4	7.8	5.2	6.3
16	10.2	8.5	9.2	9.6	8.8	9.2	10.4	6.9	8.4	8.3	6.0	7.4
17	11.8	9.0	10.1	10.1	8.9	9.4	10.5	6.8	8.3	8.7	7.0	8.1
18	12.0	9.5	10.5	11.3	9.0	10	10.5	6.6	8.2	8.8	6.4	7.8
19	12.1	9.4	10.4	11.0	8.7	9.7	10.4	6.4	8.1	8.8	6.0	7.8
20	11.3	8.9	9.9	11.5	8.6	9.8	10.0	6.1	7.8	8.1	5.5	6.6
21	10.7	8.5	9.3	11.4	8.2	9.5	9.4	6.0	7.3	---	---	---
22	11.4	8.2	9.5	9.2	8.1	8.5	8.4	5.4	6.4	---	---	---
23	11.9	8.5	9.8	9.2	8.2	8.7	7.0	5.0	5.9	---	---	---
24	9.7	8.9	9.4	10.5	8.5	9.3	8.9	6.0	7.2	7.8	5.7	7.1
25	11.2	9.3	10.1	10.3	8.5	9.2	9.4	6.5	7.6	8.5	5.4	7.0
26	11.6	9.6	10.4	10.6	8.0	9.1	8.5	6.9	7.6	9.0	5.9	7.4
27	10.6	9.2	9.9	8.6	7.3	7.9	8.0	6.5	7.2	9.0	5.9	7.5
28	10.4	9.9	10.1	9.4	7.4	8.6	9.1	6.9	7.9	8.6	5.4	7.3
29	---	---	---	10.3	8.6	9.4	8.9	6.5	7.6	7.9	6.0	7.1
30	---	---	---	10.2	8.2	9.0	8.0	6.9	7.4	7.8	7.2	7.5
31	---	---	---	8.7	7.9	8.4	---	---	---	7.9	7.1	7.4
MONTH	12.4	8.2	10.0	12.0	7.3	9.6	10.7	5.0	8.1	10.1	5.2	7.6

02461130 VALLEY CREEK AT CENTER STREET AT BIRMINGHAM, AL

LOCATION.--Lat 33°30'20", long 86°50'12", in NE ¼ NE ¼ sec. 3, T. 18 S., R. 3 W., Jefferson County, Hydrologic Unit 03160112, at bridge on Center Street, 0.3 mi downstream of Third Avenue North Bridge, and at mile 53.55.

DRAINAGE AREA.--7.00 mi².

PERIOD OF RECORD.--February 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 554.54 ft above NGVD of 1929 (City of Birmingham Engineering).

REMARKS.--No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1440	2,010	9.32	Jun 28	1435	2,470	10.43
Jun 6	1355	*2,860	*11.07	Aug 10	1445	1,980	9.24
Jun 8	1545	2,120	9.58				

Minimum discharge, 3.7 ft³/s, on several days, gage height, 1.41 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

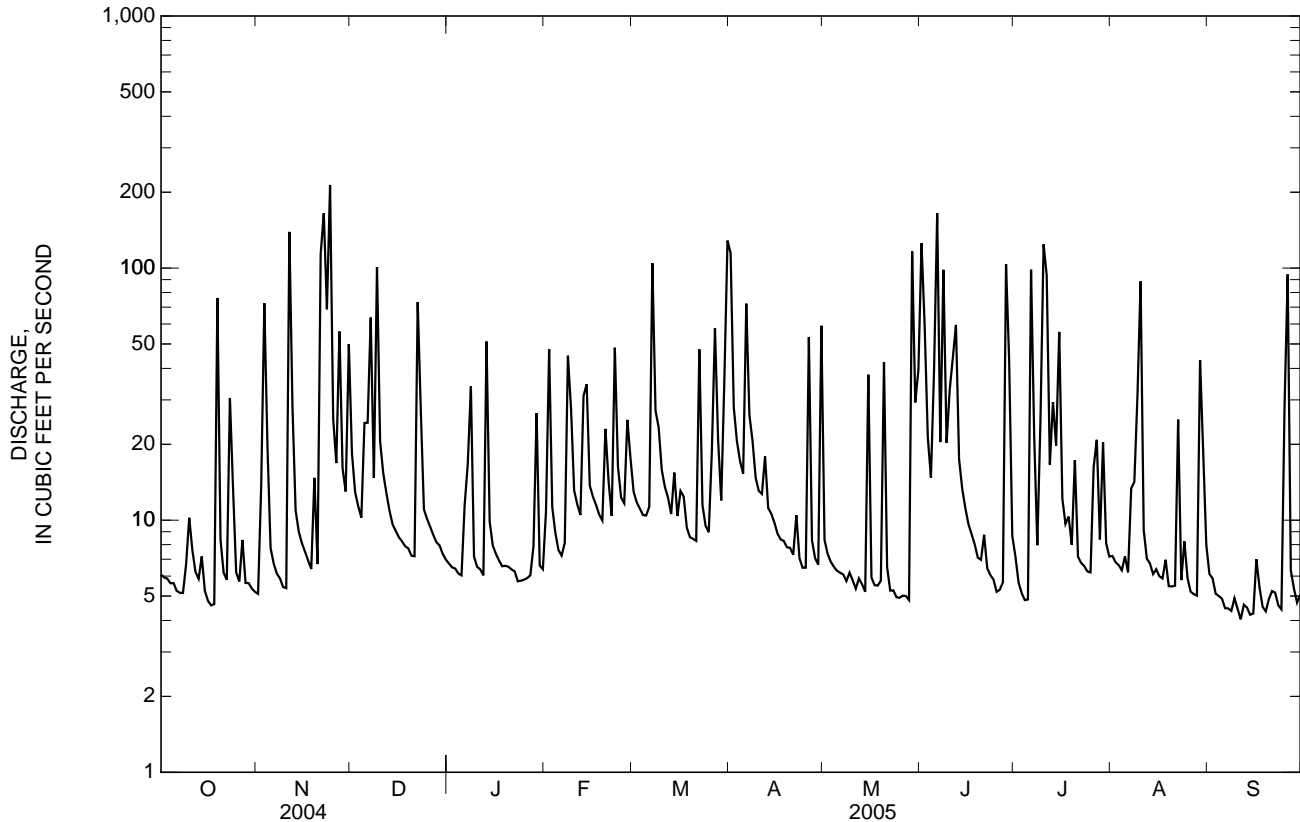
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.1	5.1	18	6.7	11	13	114	8.3	125	7.2	7.2	6.1
2	5.9	14	13	6.5	48	12	28	7.4	59	5.7	6.8	5.9
3	5.9	73	11	6.4	11	11	21	6.8	21	5.1	6.6	5.1
4	5.6	20	10	6.1	8.9	10	17	6.5	15	4.8	6.3	5.0
5	5.6	7.8	24	6.0	7.6	10	15	6.3	39	4.8	7.2	4.9
6	5.2	6.7	24	11	7.2	11	72	6.2	165	99	6.2	4.5
7	5.2	6.1	64	17	8.1	105	26	6.1	20	22	13	4.5
8	5.1	5.9	15	34	45	27	21	5.7	98	8.0	14	4.4
9	6.7	5.4	101	7.2	28	23	15	6.2	20	25	31	4.9
10	10	5.4	21	6.5	13	16	13	5.8	33	124	89	4.4
11	7.6	139	15	6.4	12	14	13	5.3	44	94	9.1	4.0
12	6.2	28	13	6.0	10	12	18	5.9	60	17	7.0	4.6
13	5.9	11	11	51	31	11	11	5.6	17	29	6.7	4.5
14	7.2	9.0	9.6	9.9	35	15	11	5.2	13	20	6.1	4.2
15	5.2	8.1	9.1	7.9	14	10	9.8	38	11	56	6.4	4.3
16	4.8	7.5	8.6	7.3	12	13	8.8	5.9	9.6	12	6.0	7.0
17	4.6	6.9	8.2	6.9	11	12	8.4	5.5	8.8	9.7	5.9	5.4
18	4.7	6.4	7.9	6.6	11	9.3	8.3	5.5	8.0	10	7.0	4.5
19	76	15	7.7	6.6	10	8.6	7.8	5.8	7.1	8.0	5.5	4.3
20	8.4	6.7	7.2	6.5	23	8.4	7.8	42	7.0	17	5.5	4.9
21	6.2	113	7.2	6.4	14	8.3	7.3	6.5	8.8	7.2	5.5	5.2
22	5.8	165	73	6.3	10	48	10	5.3	6.4	6.8	25	5.2
23	31	69	27	5.7	48	11	7.1	5.3	6.1	6.6	5.8	4.6
24	13	214	11	5.8	16	9.5	6.5	4.9	5.8	6.3	8.2	4.4
25	6.2	25	10	5.8	12	9.0	6.5	4.9	5.2	6.2	5.9	28
26	5.7	17	9.4	5.9	12	19	53	5.0	5.3	16	5.2	94
27	8.4	56	8.7	6.0	25	58	8.3	5.0	5.7	21	5.1	6.3
28	5.6	16	8.2	7.9	18	21	7.1	4.8	104	8.4	5.0	5.4
29	5.6	13	7.9	27	---	12	6.7	117	43	20	43	4.7
30	5.4	50	7.3	6.6	---	36	59	29	8.7	8.1	19	5.1
31	5.2	---	7.0	6.4	---	129	---	39	---	7.2	8.0	---
TOTAL	290.0	1,125.0	575.0	312.3	511.8	712.1	617.4	416.7	979.5	692.1	388.2	260.3
MEAN	9.35	37.5	18.5	10.1	18.3	23.0	20.6	13.4	32.6	22.3	12.5	8.68
MAX	76	214	101	51	48	129	114	117	165	124	89	94
MIN	4.6	5.1	7.0	5.7	7.2	8.3	6.5	4.8	5.2	4.8	5.0	4.0
CFSM	1.34	5.36	2.65	1.44	2.61	3.28	2.94	1.92	4.66	3.19	1.79	1.24
IN.	1.54	5.98	3.06	1.66	2.72	3.78	3.28	2.21	5.21	3.68	2.06	1.38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

MEAN	11.6	20.7	18.8	15.2	23.3	21.0	16.9	19.3	22.4	16.3	14.3	21.8
MAX	23.1	37.5	25.6	26.1	31.0	30.4	22.9	40.9	32.7	22.3	22.2	35.3
(WY)	(2003)	(2005)	(2003)	(2002)	(2001)	(2001)	(2001)	(2003)	(2005)	(2005)	(2001)	(2002)
MIN	4.65	11.3	11.4	10.1	16.1	12.2	11.8	12.2	13.8	11.6	8.21	8.68
(WY)	(2004)	(2004)	(2004)	(2005)	(2002)	(2004)	(2003)	(2002)	(2002)	(2001)	(2002)	(2005)

02461130 VALLEY CREEK AT CENTER STREET AT BIRMINGHAM, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2001 - 2005	
ANNUAL TOTAL	6,784.4		6,880.4		18.1	
ANNUAL MEAN	18.5		18.9		20.7	
HIGHEST ANNUAL MEAN					15.4	
LOWEST ANNUAL MEAN					586	
HIGHEST DAILY MEAN	586	Sep 16	214	Nov 24	586	Sep 16, 2004
LOWEST DAILY MEAN	4.4	Apr 7	4.0	Sep 11	3.4	Nov 2, 2003
ANNUAL SEVEN-DAY MINIMUM	4.9	Mar 22	4.4	Sep 9	3.7	Sep 14, 2003
MAXIMUM PEAK FLOW			2,860	Jun 6	4,500	Sep 22, 2002
MAXIMUM PEAK STAGE			11.07	Jun 6	12.60	Sep 22, 2002
ANNUAL RUNOFF (CFSM)	2.65		2.69		2.58	
ANNUAL RUNOFF (INCHES)	36.05		36.56		35.07	
10 PERCENT EXCEEDS	43		46		43	
50 PERCENT EXCEEDS	7.7		8.3		7.7	
90 PERCENT EXCEEDS	5.3		5.2		4.6	



LOCATION.--Lat 33°25'09", long 86°58'58", in NW ¼ sec. 5, T. 19 S., R. 4 W., Jefferson County, Hydrologic Unit 03160112, near left bank on downstream side of 19th Street bridge, 1.0 mi downstream from Opossum Creek, 2.0 mi west of Bessemer, and at mile 41.38.

PERIOD OF RECORD.--January 1946 to December 1947 (gage heights and discharge measurements only). May 1974 to May 1975 (rainfall-runoff site, flood hydrograph only). May 1975 to September 1979. May 1988 to current year.

REMARKS.--Estimated daily discharge: Oct. 4, 5, 7, 8, 10, 11, Feb. 27. Records good except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Minimum discharge, 22 ft³/s, Sept. 15, 30, gage height, 5.99 ft.

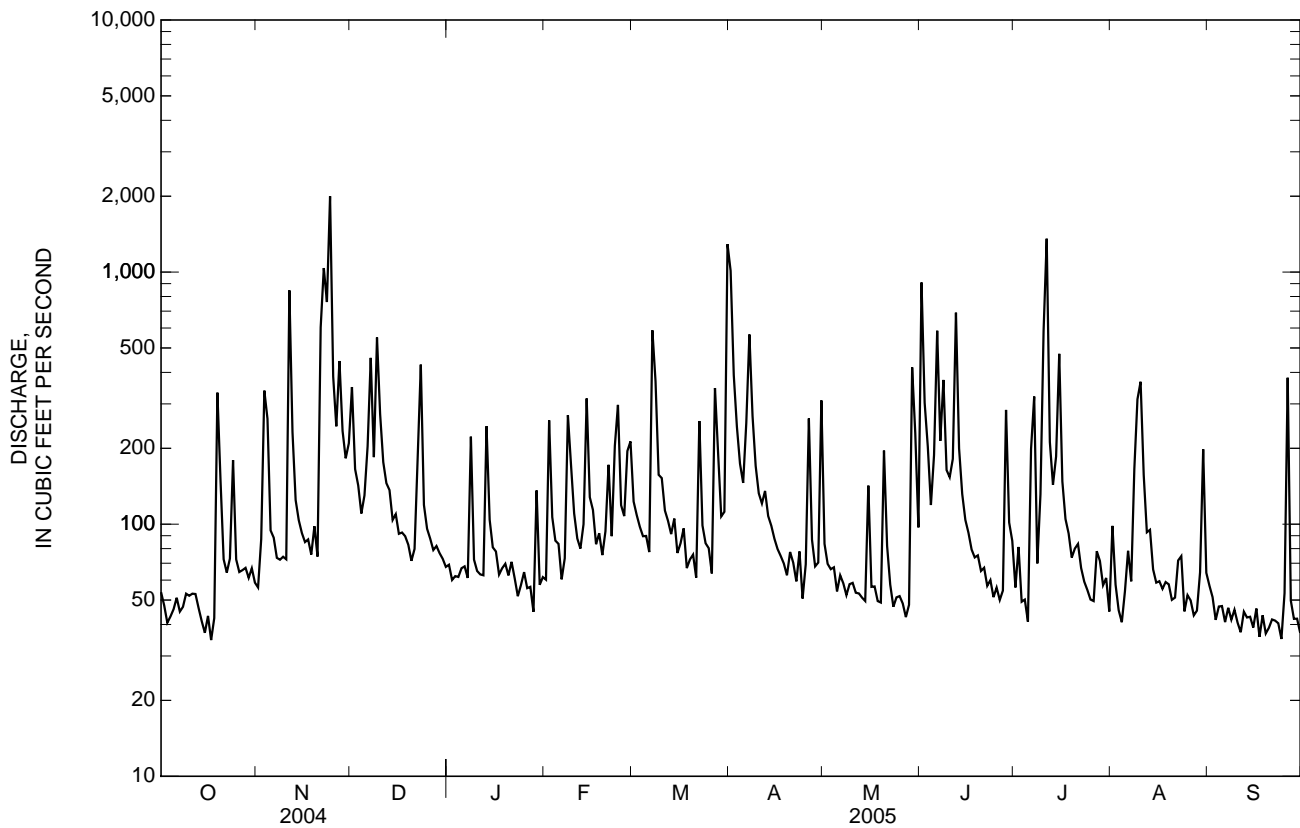
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	54	56	350	69	60	123	1,010	84	909	56	98	57
2	48	87	165	60	258	109	390	70	303	81	58	51
3	41	339	142	62	107	98	244	66	203	49	46	42
4	e43	262	110	62	86	90	174	67	119	50	41	47
5	e46	94	130	67	84	90	146	54	188	41	54	47
6	51	88	204	68	60	78	252	63	585	199	78	41
7	e45	74	457	61	73	587	566	58	214	321	59	47
8	e47	72	184	222	271	369	268	52	373	70	165	42
9	53	74	550	72	172	157	170	58	164	131	313	46
10	e52	73	274	65	110	152	133	59	154	584	367	41
11	e53	846	176	63	88	113	121	53	181	1,360	157	37
12	53	232	145	63	80	103	135	53	690	212	93	45
13	46	125	136	245	100	91	108	51	200	143	95	43
14	41	104	104	104	315	105	99	50	132	186	66	43
15	37	92	110	81	128	77	88	142	104	474	59	39
16	43	85	92	78	114	84	80	56	92	148	59	46
17	35	87	93	63	83	96	75	57	79	105	55	36
18	42	76	90	67	92	67	70	50	74	92	59	44
19	332	98	83	70	75	72	63	49	75	74	58	37
20	149	74	72	63	94	76	78	196	65	80	50	39
21	73	603	80	71	172	61	70	82	67	84	51	42
22	64	1,040	184	61	90	257	59	58	57	67	72	41
23	73	761	429	52	205	99	78	47	60	59	75	40
24	180	2,000	119	57	297	84	51	51	51	55	45	35
25	72	385	96	65	119	80	69	52	56	50	52	53
26	65	244	88	56	108	64	263	48	50	50	50	381
27	66	444	79	56	e195	347	87	43	55	78	43	50
28	67	234	82	45	213	191	68	48	284	71	45	42
29	61	183	77	136	---	107	70	419	102	57	64	42
30	67	209	73	57	---	112	310	230	86	61	198	37
31	59	---	68	62	---	1,290	---	97	---	45	64	---
TOTAL	2,158	9,141	5,042	2,423	3,849	5,429	5,395	2,563	5,772	5,133	2,789	1,633
MEAN	69.6	305	163	78.2	137	175	180	82.7	192	166	90.0	54.4
MAX	332	2,000	550	245	315	1,290	1,010	419	909	1,360	367	381
MIN	35	56	68	45	60	61	51	43	50	41	41	35
CFSM	1.33	5.80	3.10	1.49	2.62	3.34	3.43	1.57	3.66	3.15	1.71	1.04
IN.	1.53	6.48	3.57	1.72	2.73	3.85	3.82	1.82	4.09	3.64	1.98	1.16

MEAN	89.6	115	121	174	162	213	158	130	113	106	75.1	114
MAX	269	305	217	352	353	585	586	352	228	217	140	273
(WY)	(1996)	(2005)	(2003)	(1996)	(1990)	(1976)	(1979)	(2003)	(1989)	(1989)	(1979)	(1977)
MIN	31.7	60.8	55.4	76.8	73.3	90.2	69.0	43.1	42.0	44.0	43.5	35.3
(WY)	(1992)	(1991)	(2001)	(1992)	(2000)	(1992)	(1990)	(1992)	(1988)	(1995)	(1990)	(2000)

02461500 VALLEY CREEK NEAR BESSEMER, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1975 - 2005	
ANNUAL TOTAL	49,718		51,327		131	
ANNUAL MEAN	136		141		206	
HIGHEST ANNUAL MEAN					78.8	
LOWEST ANNUAL MEAN					1979	
HIGHEST DAILY MEAN	4,210	Sep 16	2,000	Nov 24	6,180	Apr 13, 1979
LOWEST DAILY MEAN	35	Sep 14	35	Oct 17, Sep. 24	23	Jul 25, 1988
ANNUAL SEVEN-DAY MINIMUM	42	Sep 9	40	Sep 18	27	Aug 13, 1988
MAXIMUM PEAK FLOW			4,480	Nov 24	11,300	Apr 13, 1979
MAXIMUM PEAK STAGE			13.10	Nov 24	17.06	Apr 13, 1979
ANNUAL RUNOFF (CFSM)	2.59		2.68		2.50	
ANNUAL RUNOFF (INCHES)	35.23		36.37		34.00	
10 PERCENT EXCEEDS	219		289		234	
50 PERCENT EXCEEDS	68		77		73	
90 PERCENT EXCEEDS	44		46		39	

e Estimated



02461640 VALLEY CREEK BELOW BESSEMER, AL

LOCATION.--Lat 33°23'59", long 86°59'36", in NE 1/4 sec. 7, T. 19 S., R. 4 W., Jefferson County, Hydrologic Unit 03160112, at abandoned bridge crossing 0.2 mi downstream from Halls Creek, 0.7 mi southwest of Bessemer, and at mile 39.75.

DRAINAGE AREA.--61.4 mi².

PERIOD OF RECORD.--October 1997 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 435 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Feb. 27. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1045	*4,410	*8.49	No other peak greater than base discharge.			

Minimum discharge, 1.8 ft³/s, on several days, gage height, 0.14 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	16	314	63	48	118	1,070	87	976	55	124	62
2	17	41	134	58	239	98	409	68	273	92	86	59
3	11	284	114	63	85	87	258	64	204	50	68	48
4	19	228	91	65	68	79	185	66	111	45	66	54
5	12	53	100	76	64	78	156	52	158	38	76	61
6	21	46	173	77	49	68	252	62	540	181	115	54
7	17	33	394	69	58	570	568	59	210	327	93	61
8	10	32	143	275	236	382	256	52	345	69	185	58
9	21	33	509	82	148	145	165	59	162	120	334	64
10	17	33	226	72	100	139	128	62	157	586	345	53
11	27	825	131	66	81	108	115	56	174	1,360	163	51
12	24	165	107	66	73	98	130	56	747	212	96	63
13	20	81	100	247	89	88	103	54	196	146	107	57
14	13	63	77	101	300	102	92	52	132	177	76	60
15	12	53	80	71	116	76	83	157	107	452	68	55
16	13	47	66	67	102	86	76	59	96	157	69	65
17	7.3	46	67	53	77	93	71	58	85	121	65	46
18	13	36	64	55	84	66	68	50	80	108	70	60
19	298	56	63	59	69	71	58	48	85	89	70	52
20	109	39	50	50	85	75	76	198	74	92	62	55
21	33	557	58	60	156	60	68	88	74	104	65	61
22	24	985	149	52	84	256	66	56	61	84	83	57
23	32	748	423	40	183	100	78	44	64	76	91	57
24	139	2,050	103	47	302	83	48	47	52	72	54	45
25	30	321	83	54	111	78	68	48	52	67	64	65
26	24	192	79	44	101	65	286	43	49	64	64	373
27	26	403	66	43	e187	381	92	37	54	106	56	44
28	25	185	68	32	212	199	70	42	254	100	58	36
29	21	142	65	114	---	111	71	412	87	76	80	38
30	25	160	63	47	---	115	342	222	90	85	193	33
31	19	---	60	52	---	1,340	---	90	---	65	67	---
TOTAL	1,102.3	7,953	4,220	2,320	3,507	5,415	5,508	2,548	5,749	5,376	3,213	1,947
MEAN	35.6	265	136	74.8	125	175	184	82.2	192	173	104	64.9
MAX	298	2,050	509	275	302	1,340	1,070	412	976	1,360	345	373
MIN	7.3	16	50	32	48	60	48	37	49	38	54	33
CFSM	0.58	4.32	2.22	1.22	2.04	2.84	2.99	1.34	3.12	2.82	1.69	1.06
IN.	0.67	4.82	2.56	1.41	2.12	3.28	3.34	1.54	3.48	3.26	1.95	1.18

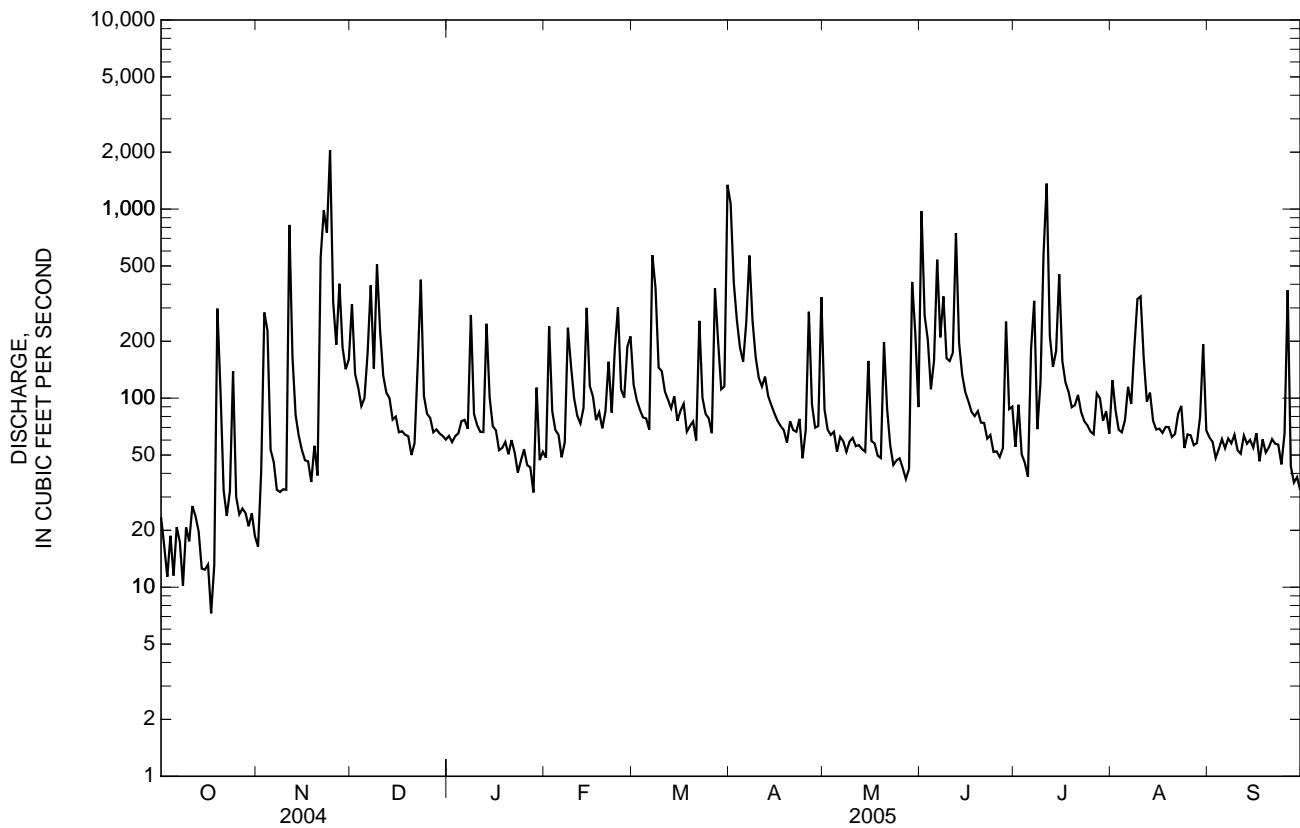
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2005, BY WATER YEAR (WY)

MEAN	59.1	107	120	170	174	204	157	114	124	94.7	69.4	92.8
MAX	105	265	198	346	276	344	318	337	193	173	116	206
(WY)	(2003)	(2005)	(2003)	(1998)	(1998)	(2000)	(2000)	(2003)	(2003)	(2005)	(2001)	(2001)
MIN	17.8	50.5	51.1	74.8	82.3	88.4	50.7	58.0	66.2	47.3	32.9	34.3
(WY)	(2004)	(2004)	(2004)	(2005)	(2000)	(2004)	(2004)	(2000)	(2000)	(2004)	(2004)	(2000)

02461640 VALLEY CREEK BELOW BESSEMER, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1998 - 2005	
ANNUAL TOTAL	38,894.3		48,858.3		123	
ANNUAL MEAN	106		134		146	
HIGHEST ANNUAL MEAN					80.0	
LOWEST ANNUAL MEAN					2003	
HIGHEST DAILY MEAN	3,660	Feb 6	2,050	Nov 24	4,070	Jan 7, 1998
LOWEST DAILY MEAN	6.1	Aug 7	7.3	Oct 17	6.1	Aug 7, 2004
ANNUAL SEVEN-DAY MINIMUM	13	Aug 3	15	Oct 12	12	Nov 9, 2003
MAXIMUM PEAK FLOW			4,410	Nov 24	7,600	Jan 7, 1998
MAXIMUM PEAK STAGE			8.49	Nov 24	13.24	Jan 7, 1998
ANNUAL RUNOFF (CFSM)	1.73		2.18		2.01	
ANNUAL RUNOFF (INCHES)	23.56		29.60		27.32	
10 PERCENT EXCEEDS	187		279		235	
50 PERCENT EXCEEDS	43		74		62	
90 PERCENT EXCEEDS	15		36		29	

e Estimated



02462000 VALLEY CREEK NEAR OAK GROVE, AL

LOCATION.--Lat 33°26'50", long 87°07'20", in NW ¼ sec. 25, T. 18 S., R. 6 W., Jefferson County, Hydrologic Unit 03160112, near center of span on downstream side of highway bridge, 1,000 ft downstream from Raccoon Branch, 1.5 mi east of Oak Grove, 10.5 mi west of Bessemer, and 18.2 mi upstream from mouth.

DRAINAGE AREA.--148 mi².

PERIOD OF RECORD.--May to July 1936, August 1953 to September 1958, October 1958 to September 1964 (peak discharge only), October 1964 to September 1965, October 1965 to May 1978 (peak discharge only), June 1978 to current year.

REVISED RECORDS.--WDR AL-83-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 294.87 ft above NGVD of 1929 (levels by Jefferson County Highway Department). May 16 to July 12, 1936, chain gage at site 500 ft downstream at same datum. August 1953 to September 1958, water-stage recorder, October 1958 to September 1964 and October 1965 to June 1978, crest-stage gage, at present site and datum.

REMARKS.--Estimated daily discharge: Feb. 27, 28, Mar. 8-10, April 14, 30, June 8-10, 13-16, Aug. 5-9. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1916 reached a stage of 29.6 ft present site and datum (discharge not determined) from high-water marks.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1500	6,410	16.04	Jul 11	0915	*6,480	*16.18

Minimum discharge, 86 ft³/s, Sept. 24, gage height, 3.07 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	118	114	796	233	158	468	1,970	408	1,200	177	249	167
2	116	129	500	229	391	399	1,520	340	772	239	287	157
3	127	328	390	215	380	358	826	296	463	190	206	146
4	122	653	338	232	293	340	650	282	284	196	198	139
5	111	301	305	224	285	325	568	268	222	227	e149	140
6	124	223	462	234	261	308	531	262	385	248	e171	136
7	118	193	789	243	244	275	1,170	262	481	591	e150	124
8	111	159	590	454	393	e817	839	256	e631	243	e222	131
9	113	161	971	315	444	e517	685	262	e715	209	e474	127
10	121	144	876	294	407	e483	558	265	e500	631	552	126
11	130	927	577	271	354	453	474	265	504	3,920	599	117
12	121	575	464	257	323	389	487	269	2,490	1,020	343	118
13	115	323	407	332	313	350	419	265	e1,430	708	319	117
14	110	260	354	476	668	341	e368	246	e679	548	267	118
15	107	217	333	338	490	316	343	347	e437	614	248	118
16	102	209	285	308	404	316	318	273	e378	589	244	120
17	105	196	279	289	344	315	297	226	313	400	228	125
18	98	176	265	272	310	290	284	222	276	335	203	116
19	150	168	257	276	287	280	264	204	237	308	202	112
20	460	180	234	258	274	274	276	203	233	265	178	109
21	166	650	228	247	397	265	280	348	248	259	173	109
22	132	1,270	247	202	312	372	323	180	217	253	162	109
23	128	2,000	771	223	308	431	322	172	202	221	198	115
24	278	4,320	420	224	854	297	266	163	202	202	172	107
25	176	1,200	352	230	503	310	261	169	202	190	166	115
26	153	734	311	179	397	289	421	158	194	192	153	415
27	135	807	280	148	e494	567	386	153	189	201	150	186
28	134	750	277	142	e612	667	296	150	190	381	144	156
29	125	533	267	237	---	467	261	420	383	242	161	138
30	125	450	246	213	---	413	e526	448	242	225	327	125
31	123	---	248	174	---	2,090	---	305	---	209	189	---
TOTAL	4,354	18,350	13,119	7,969	10,900	13,782	16,189	8,087	14,899	14,233	7,484	4,138
MEAN	140	612	423	257	389	445	540	261	497	459	241	138
MAX	460	4,320	971	476	854	2,090	1,970	448	2,490	3,920	599	415
MIN	98	114	228	142	158	265	261	150	189	177	144	107
CFSM	0.95	4.13	2.86	1.74	2.63	3.00	3.65	1.76	3.36	3.10	1.63	0.93
IN.	1.09	4.61	3.30	2.00	2.74	3.46	4.07	2.03	3.74	3.58	1.88	1.04

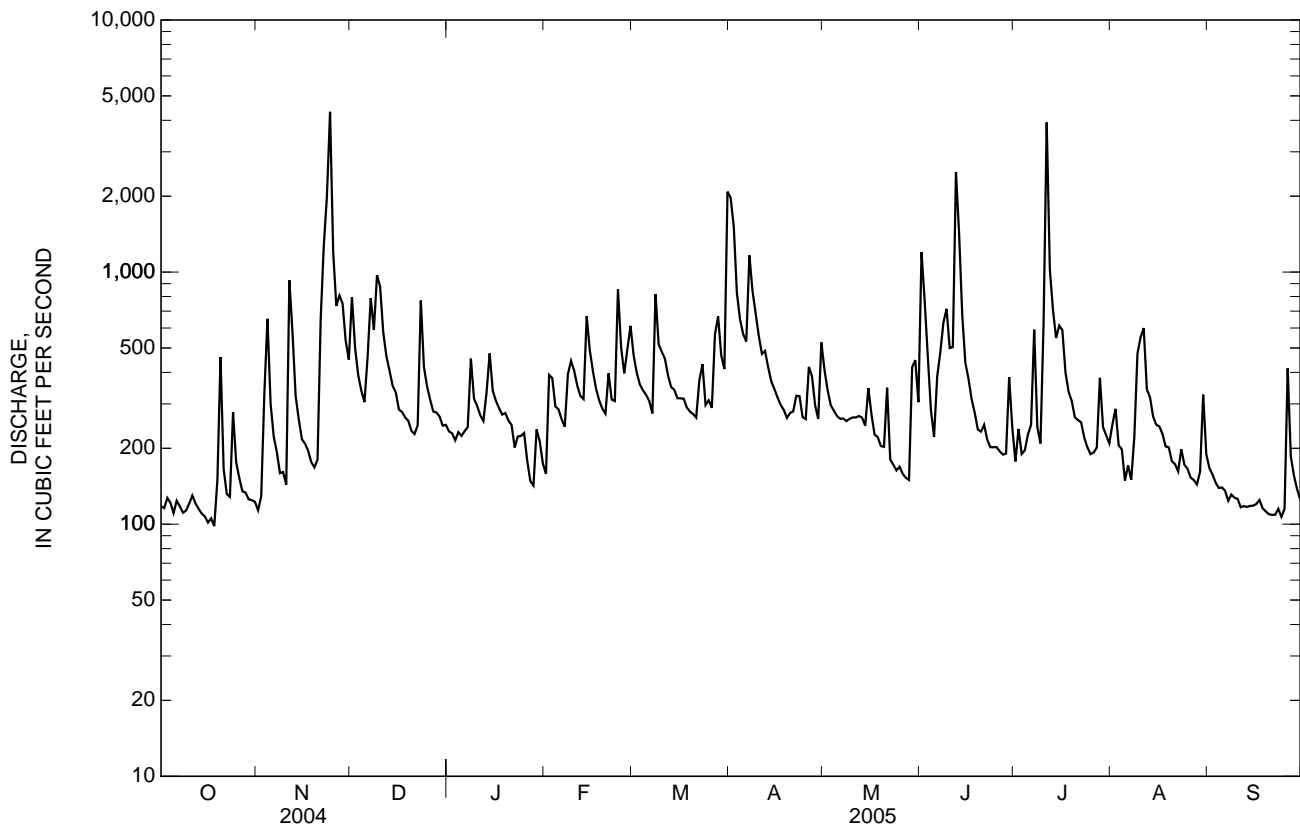
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1954 - 2005, BY WATER YEAR (WY)

MEAN	155	248	375	472	572	574	474	290	220	212	147	172
MAX	442	612	2,289	931	1,239	1,440	1,580	930	616	631	253	608
(WY)	(1996)	(2005)	(1984)	(1990)	(1983)	(1980)	(1979)	(2003)	(1989)	(1989)	(2001)	(2001)
MIN	75.5	79.0	127	111	205	234	99.2	97.6	83.4	94.2	84.7	72.9
(WY)	(1979)	(1982)	(1981)	(1981)	(2000)	(1985)	(1986)	(1992)	(1988)	(1995)	(1980)	(1990)

02462000 VALLEY CREEK NEAR OAK GROVE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1954 - 2005	
ANNUAL TOTAL	108,783		133,504		324	
ANNUAL MEAN	297		366		459	
HIGHEST ANNUAL MEAN					144	
LOWEST ANNUAL MEAN					19,100	
HIGHEST DAILY MEAN	8,130	Feb 6	4,320	Nov 24	34	Apr 13, 1979
LOWEST DAILY MEAN	80	Jun 14	98	Oct 18	43	Sep 19, 1983
ANNUAL SEVEN-DAY MINIMUM	100	Aug 5	108	Oct 12	32,000	Sep 28, 1983
MAXIMUM PEAK FLOW			6,480	Jul 11	33.98	Dec 4, 1983
MAXIMUM PEAK STAGE			16.18	Jul 11	2.19	
ANNUAL RUNOFF (CFSM)	2.01		2.47		29.78	
ANNUAL RUNOFF (INCHES)	27.34		33.56		614	
10 PERCENT EXCEEDS	526		639		181	
50 PERCENT EXCEEDS	175		268		88	
90 PERCENT EXCEEDS	108		125			

e Estimated



02462500 BLACK WARRIOR RIVER AT BANKHEAD LOCK AND DAM NEAR BESSEMER, AL

LOCATION.--Lat 33°27'30", long 87°21'15", in SE ¼ sec. 22, T. 18 S., R. 8 W., Jefferson County, Hydrologic Unit 03160112, at abandoned lock wall 300 ft above dam, 1.9 mi downstream from Big Yellow Creek, 23 mi northwest of Bessemer, and at mile 153.6.

DRAINAGE AREA.--3,981 mi².

PERIOD OF RECORD.--October 1928 to September 1936, October 1976 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to October 1, 1998, gage datum was 173.50 ft higher.

COOPERATION.--Records were provided by Alabama Power Company.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,410	2,560	22,600	3,650	3,520	11,400	45,300	10,600	17,400	2,700	3,920	3,920
2	0	4,400	20,000	3,100	6,690	11,000	32,500	7,520	14,800	1,880	3,480	3,820
3	0	6,930	16,500	7,950	7,090	10,000	18,300	3,110	6,130	0	3,190	1,850
4	1,520	30,200	15,900	6,190	6,180	7,680	12,100	2,740	3,550	2,040	4,150	0
5	1,920	25,300	15,300	6,360	4,530	7,270	10,600	3,150	2,120	2,810	3,490	1,830
6	0	12,000	11,000	8,450	3,710	4,170	11,600	396	3,690	6,060	1,290	2,440
7	0	5,870	30,300	8,090	3,960	7,500	39,700	1,790	7,910	3,720	1,560	2,110
8	434	7,820	39,100	5,580	6,610	9,150	40,700	320	6,760	6,990	3,180	2,210
9	2,940	8,080	44,000	7,420	8,270	9,950	23,000	370	6,680	7,130	3,550	2,260
10	2,170	1,580	57,600	7,690	5,360	6,150	21,800	1,650	9,810	10,500	3,100	0
11	4,050	6,500	33,100	7,840	7,180	5,320	16,100	3,010	9,790	28,800	4,550	87
12	2,900	7,630	23,000	8,730	7,790	5,420	16,800	2,660	34,200	9,640	3,890	3,030
13	0	8,210	22,500	10,500	3,480	5,660	11,000	2,120	20,900	10,200	3,080	1,880
14	1,160	6,000	16,200	9,370	6,060	7,110	10,400	135	7,950	11,900	109	2,690
15	5,330	4,820	16,700	9,830	4,480	7,030	10,600	0	9,590	20,600	3,380	2,560
16	620	5,270	16,400	3,860	4,400	3,450	9,580	4,420	5,740	11,200	2,700	2,290
17	0	2,340	14,300	7,940	4,940	5,270	8,900	1,100	6,650	10,200	3,190	213
18	0	6,230	13,900	7,860	7,800	5,470	5,360	0	2,640	6,470	2,310	572
19	2,830	6,250	12,200	8,770	3,200	1,510	3,450	25	0	4,830	2,490	1,390
20	8,420	6,230	10,800	8,220	4,760	5,130	4,800	2,810	3,760	5,780	2,660	2,130
21	8,200	7,360	10,800	7,610	5,310	3,980	4,670	0	3,490	5,650	422	2,250
22	2,290	21,700	10,700	3,810	6,520	7,530	4,880	468	3,490	4,340	3,520	1,380
23	0	44,800	11,600	2,060	10,600	10,300	5,470	4,520	4,630	4,200	2,750	2,120
24	2,910	60,300	12,700	6,760	8,940	13,500	1,510	6,060	3,060	2,340	3,080	0
25	842	65,500	10,600	7,770	7,490	9,030	4,040	122	1,140	4,370	2,530	63
26	4,120	56,500	10,600	7,810	8,000	8,380	4,590	44	1,670	2,940	2,500	8,850
27	0	20,900	10,600	7,380	6,770	7,980	4,150	1,460	2,940	2,570	2,320	5,440
28	0	21,200	10,600	7,340	10,200	8,300	3,700	0	2,270	2,070	1,970	4,600
29	2,170	15,900	10,600	7,400	---	7,420	4,460	2,230	3,390	7,720	2,580	4,050
30	1,290	13,100	10,500	3,970	---	7,030	7,490	1,850	3,200	4,190	1,380	2,650
31	1,800	---	10,200	5,150	---	32,700	---	1,860	---	2,470	408	---
TOTAL	59,326	491,480	570,900	214,460	173,840	251,790	397,550	66,540	209,350	206,310	82,729	68,685
MEAN	1,914	16,380	18,420	6,918	6,209	8,122	13,250	2,146	6,978	6,655	2,669	2,290
MAX	8,420	65,500	57,600	10,500	10,600	32,700	45,300	10,600	34,200	28,800	4,550	8,850
MIN	0	1,580	10,200	2,060	3,200	1,510	1,510	0	0	0	109	0
CFSM	0.48	4.12	4.63	1.74	1.56	2.04	3.33	0.54	1.75	1.67	0.67	0.58
IN.	0.55	4.59	5.33	2.00	1.62	2.35	3.71	0.62	1.96	1.93	0.77	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2005, BY WATER YEAR (WY)

	MEAN	2,449	4,847	7,977	11,100	12,340	14,160	10,450	6,247	3,481	3,110	1,977	2,150
MAX	11,990	32,560	32,480	24,030	35,550	38,030	29,230	27,260	21,670	13,400	4,557	9,717	
(WY)	(1933)	(1930)	(1933)	(1998)	(1990)	(1929)	(1979)	(2003)	(1997)	(1989)	(1985)	(2001)	
MIN	19.7	95.7	893	2,688	2,464	2,677	841	568	182	410	404	65.4	
(WY)	(1932)	(1932)	(2000)	(1986)	(2000)	(1988)	(1986)	(1992)	(1936)	(1931)	(1929)	(1931)	

SUMMARY STATISTICS

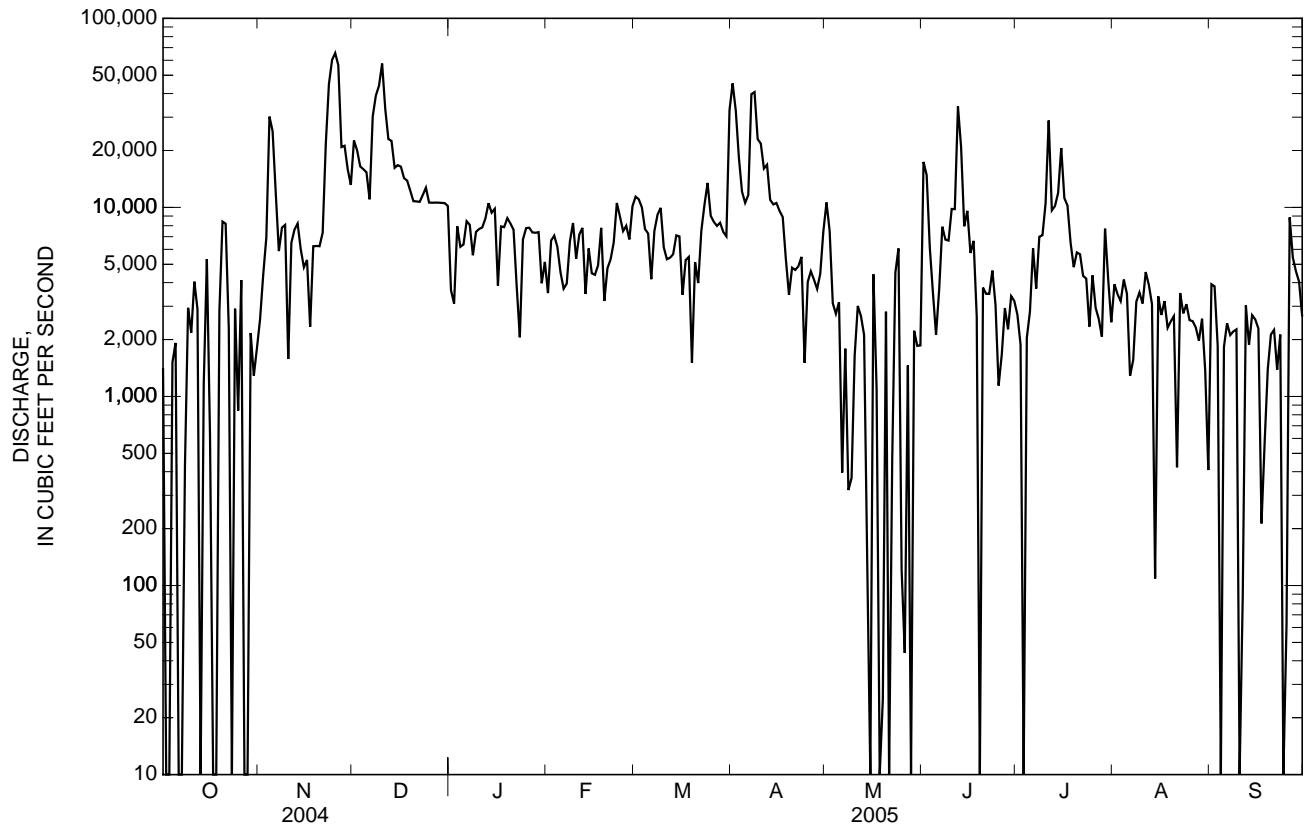
FOR 2004 CALENDAR YEAR

FOR 2005 WATER YEAR

WATER YEARS 1929 - 2005

ANNUAL TOTAL	2,796,350	2,792,960	
ANNUAL MEAN	7,640	7,652	6,664
HIGHEST ANNUAL MEAN			10,210
LOWEST ANNUAL MEAN			2,555
HIGHEST DAILY MEAN	94,800	Feb 6	143,000
LOWEST DAILY MEAN	0	Mar 27	0
ANNUAL SEVEN-DAY MINIMUM	553	Oct 2	0.00
MAXIMUM PEAK STAGE			255.11
ANNUAL RUNOFF (CFSM)	1.92		1.92
ANNUAL RUNOFF (INCHES)	26.13		26.10
10 PERCENT EXCEEDS	16,300		14,900
50 PERCENT EXCEEDS	4,040		3,100
90 PERCENT EXCEEDS	547		300

02462500 BLACK WARRIOR RIVER AT BANKHEAD LOCK AND DAM NEAR BESSEMER, AL—Continued



02462501 BLACK WARRIOR RIVER BELOW BANKHEAD LOCK AND DAM NEAR BESSEMER, AL

LOCATION.--Lat 33°27'25", long 87°21'18", in SE $\frac{1}{4}$ sec. 22, T. 18 S., R. 8 W., Jefferson County, Hydrologic Unit 03160112, near left bank 300 ft below dam, 2.0 mi downstream from Big Yellow Creek, 23 mi northwest of Bessemer, and at mile 153.6.

DRAINAGE AREA.--3,981 mi².

PERIOD OF RECORD.--December 1911 to current year (elevation only). October 1971 to current year in reports of Geological Survey. December 1911 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-85-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to July 11, 1963, nonrecording gage at same site and datum. July 11, 1963 to September 30, 1976, at datum 173.50 ft higher.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 194.00 ft, July 9, 1916; minimum, 179.60 ft, Oct. 15 to Nov. 1, 1920.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 188.29 ft, Nov. 24; minimum elevation, 184.87 ft, Nov. 10.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	186.01	186.24	186.82	186.40	186.22	186.55	186.87	186.13	186.65	186.13	186.46	186.34
2	185.95	186.26	186.63	186.53	186.46	186.68	186.74	186.09	186.73	186.22	186.56	186.42
3	185.94	186.46	186.80	186.45	186.67	186.66	186.56	186.23	186.58	186.35	186.33	186.40
4	185.97	186.78	186.53	186.38	186.50	186.32	186.30	186.34	186.52	186.45	186.28	186.56
5	186.07	186.75	186.48	186.28	186.56	186.50	186.52	186.19	186.59	186.18	186.30	186.59
6	186.08	186.49	186.63	186.24	186.58	186.35	186.77	186.17	186.56	185.99	186.46	186.49
7	186.04	186.13	187.08	186.26	186.45	186.46	186.68	186.30	186.80	186.02	186.68	186.29
8	186.01	186.05	187.21	186.34	186.46	186.67	186.70	186.36	186.37	186.13	186.26	186.06
9	186.00	186.14	187.03	186.34	186.56	186.41	186.71	186.39	186.45	186.10	186.29	186.04
10	185.93	185.77	187.12	186.18	186.61	186.53	186.47	186.28	186.44	186.04	186.46	185.99
11	185.80	186.46	186.92	186.15	186.45	186.56	186.55	186.32	186.48	186.71	186.36	186.03
12	186.06	186.47	186.69	186.40	186.48	186.63	186.77	186.39	187.01	186.55	186.38	186.09
13	186.04	186.46	186.70	186.26	186.25	186.48	186.47	186.42	186.61	186.68	186.33	186.07
14	186.06	186.48	186.85	186.47	186.21	186.38	186.61	186.52	186.65	186.74	186.22	186.11
15	186.42	186.10	186.71	186.53	186.47	186.34	186.69	186.64	186.52	186.60	186.38	186.20
16	186.32	186.59	186.75	186.38	186.37	186.20	186.72	186.58	186.48	186.68	186.40	186.25
17	186.22	186.72	186.71	186.36	186.61	186.47	186.50	185.85	186.45	186.41	186.40	186.27
18	185.85	186.32	186.79	186.17	186.31	186.47	186.26	185.93	186.54	186.33	186.37	186.35
19	---	186.22	186.78	186.12	186.23	186.33	186.35	186.06	186.69	---	186.36	186.37
20	---	186.13	186.64	186.45	186.23	186.39	186.44	186.25	186.53	---	186.35	186.30
21	186.25	186.41	186.66	186.28	186.29	186.41	186.53	186.19	186.31	---	186.43	186.26
22	186.25	186.89	186.78	186.12	186.18	186.28	186.59	186.38	186.44	186.40	186.43	186.17
23	186.35	186.94	186.61	186.05	186.28	186.61	186.58	186.43	186.38	186.38	186.34	186.07
24	186.16	187.40	186.60	186.12	186.37	186.56	186.48	186.35	186.32	186.33	186.28	186.14
25	---	187.13	186.25	185.99	186.34	186.31	186.37	186.45	186.37	186.40	186.28	186.18
26	---	186.96	186.17	186.04	186.45	186.21	186.31	186.55	186.41	186.37	186.28	186.47
27	186.56	186.88	186.05	185.96	---	186.05	186.10	186.49	186.42	186.34	186.31	186.36
28	186.51	186.73	186.08	186.03	---	186.27	186.17	186.36	186.29	186.43	186.34	186.21
29	186.49	186.63	186.18	185.94	---	186.46	186.24	186.37	186.24	186.54	186.02	186.06
30	186.42	186.57	186.16	186.18	---	186.46	186.26	186.33	186.19	186.37	186.06	186.13
31	186.36	---	186.02	186.17	---	186.64	---	186.37	---	186.50	186.17	---
MEAN	---	186.52	186.63	186.24	---	186.44	186.51	186.31	186.50	---	186.34	186.24
MAX	---	187.40	187.21	186.53	---	186.68	186.87	186.64	187.01	---	186.68	186.59
MIN	---	185.77	186.02	185.94	---	186.05	186.10	185.85	186.19	---	186.02	185.99

02462951 BLACK WARRIOR RIVER AT HOLT LOCK AND DAM NEAR HOLT, AL

LOCATION.--Lat 33°15'11", long 87°26'57", in NW ¼ sec. 2, T. 21 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, on left bank 50 ft upstream from lock and dam, 0.1 mi downstream from Jim Mack Branch, 0.7 mi upstream from Hurricane Creek, 2.0 mi northeast of Holt, 3.2 mi upstream from North River, and at mile 135.1.

DRAINAGE AREA.--4,219 mi².

PERIOD OF RECORD.--October 1976 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by the U.S. Army Corps of Engineers).

COOPERATION.--Records were provided by Alabama Power Company.

REMARKS.--No estimated daily discharges.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,350	2,670	32,200	3,400	3,520	11,800	63,900	10,900	29,900	2,780	3,930	3,150
2	0	4,650	29,000	3,320	6,920	10,500	48,100	7,740	21,700	2,010	4,090	4,090
3	0	8,430	20,400	8,320	7,780	10,900	29,700	2,850	7,450	0	3,540	1,780
4	1,090	30,900	20,400	6,480	6,500	8,660	13,600	3,210	4,940	2,510	4,410	0
5	1,670	29,600	20,400	6,600	4,780	7,610	10,900	3,290	2,540	3,020	3,700	2,110
6	0	13,000	12,100	8,330	3,880	4,580	14,300	608	5,320	6,590	2,190	2,880
7	0	6,730	36,100	8,150	4,580	7,770	64,300	1,960	8,880	3,490	2,820	2,690
8	315	7,780	51,900	5,900	6,900	10,900	51,300	329	8,610	7,390	4,300	2,100
9	2,920	8,480	51,400	7,960	8,660	10,900	32,600	819	6,640	7,370	3,800	2,400
10	2,150	1,310	71,700	7,460	6,030	6,890	25,300	1,770	10,900	10,900	3,700	0
11	3,680	9,190	45,100	7,800	7,530	5,660	16,600	3,230	10,900	41,200	4,840	0
12	2,620	14,600	27,000	8,700	8,490	6,210	21,800	2,820	51,200	12,000	4,120	3,210
13	0	16,300	26,300	11,000	4,090	6,320	14,500	1,860	29,800	10,900	3,830	1,810
14	0	9,590	19,200	9,600	7,330	7,480	11,200	358	9,670	12,600	71	2,800
15	5,760	7,270	21,600	10,600	4,700	7,740	10,900	402	10,400	24,400	3,440	2,520
16	12	5,080	19,500	4,020	4,850	3,500	10,900	5,430	6,610	13,000	2,870	2,460
17	773	4,150	18,100	8,320	5,850	5,550	9,880	1,490	7,070	10,900	3,680	230
18	0	6,660	15,000	8,120	8,100	6,020	5,580	0	2,950	6,840	2,460	609
19	1,870	6,180	13,400	8,440	3,470	1,820	3,690	0	0	5,650	2,660	1,600
20	11,300	6,450	10,900	8,160	4,960	5,630	5,170	3,360	5,020	6,260	2,820	2,290
21	9,050	7,310	10,900	7,890	5,830	4,150	4,860	144	3,710	6,240	453	2,470
22	2,800	29,800	11,000	4,170	6,620	8,750	5,280	502	3,790	4,630	3,890	1,560
23	1,700	61,300	13,300	1,920	10,500	10,900	6,100	4,740	4,990	4,690	3,080	2,260
24	3,670	82,100	15,300	7,070	9,560	17,100	1,710	2,280	3,220	2,490	3,240	0
25	1,380	76,900	10,900	7,690	8,270	9,710	4,470	136	1,480	4,680	2,660	25
26	3,520	71,100	10,900	7,850	8,320	8,730	5,490	92	1,780	3,150	2,720	9,280
27	0	30,600	10,900	7,300	7,050	9,280	4,300	1,930	3,370	2,800	2,470	5,790
28	587	29,100	10,600	7,310	10,500	8,270	3,850	0	2,720	2,260	2,120	4,920
29	3,130	17,700	10,300	7,270	---	8,020	4,620	3,260	3,690	8,740	3,510	4,070
30	1,610	14,000	11,000	4,180	---	7,270	7,730	1,940	3,440	4,450	1,470	2,420
31	2,290	---	10,000	5,310	---	31,400	---	3,160	---	3,100	2,600	---
TOTAL	65,247	618,930	686,800	218,640	185,570	270,020	512,630	70,610	272,690	237,040	95,484	71,524
MEAN	2,105	20,630	22,150	7,053	6,628	8,710	17,090	2,278	9,090	7,646	3,080	2,384
MAX	11,300	82,100	71,700	11,000	10,500	31,400	64,300	10,900	51,200	41,200	4,840	9,280
MIN	0	1,310	10,000	1,920	3,470	1,820	1,710	0	0	0	71	0
CFSM	0.50	4.89	5.25	1.67	1.57	2.06	4.05	0.54	2.15	1.81	0.73	0.57
IN.	0.58	5.46	6.06	1.93	1.64	2.38	4.52	0.62	2.40	2.09	0.84	0.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2005, BY WATER YEAR (WY)

MEAN	2,484	5,037	8,848	12,730	14,180	15,460	11,930	7,438	4,579	3,876	2,312	2,680
MAX	12,840	20,630	27,650	26,030	46,480	38,490	32,050	33,160	24,760	17,140	4,800	9,231
(WY)	(1978)	(2005)	(1984)	(1998)	(1990)	(1980)	(1979)	(2003)	(1997)	(1989)	(1985)	(2001)
MIN	105	484	1,173	2,181	2,869	3,060	952	888	1,249	1,244	1,203	935
(WY)	(2001)	(1982)	(2000)	(1981)	(2000)	(1988)	(1986)	(1992)	(1988)	(2000)	(2000)	(2000)

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

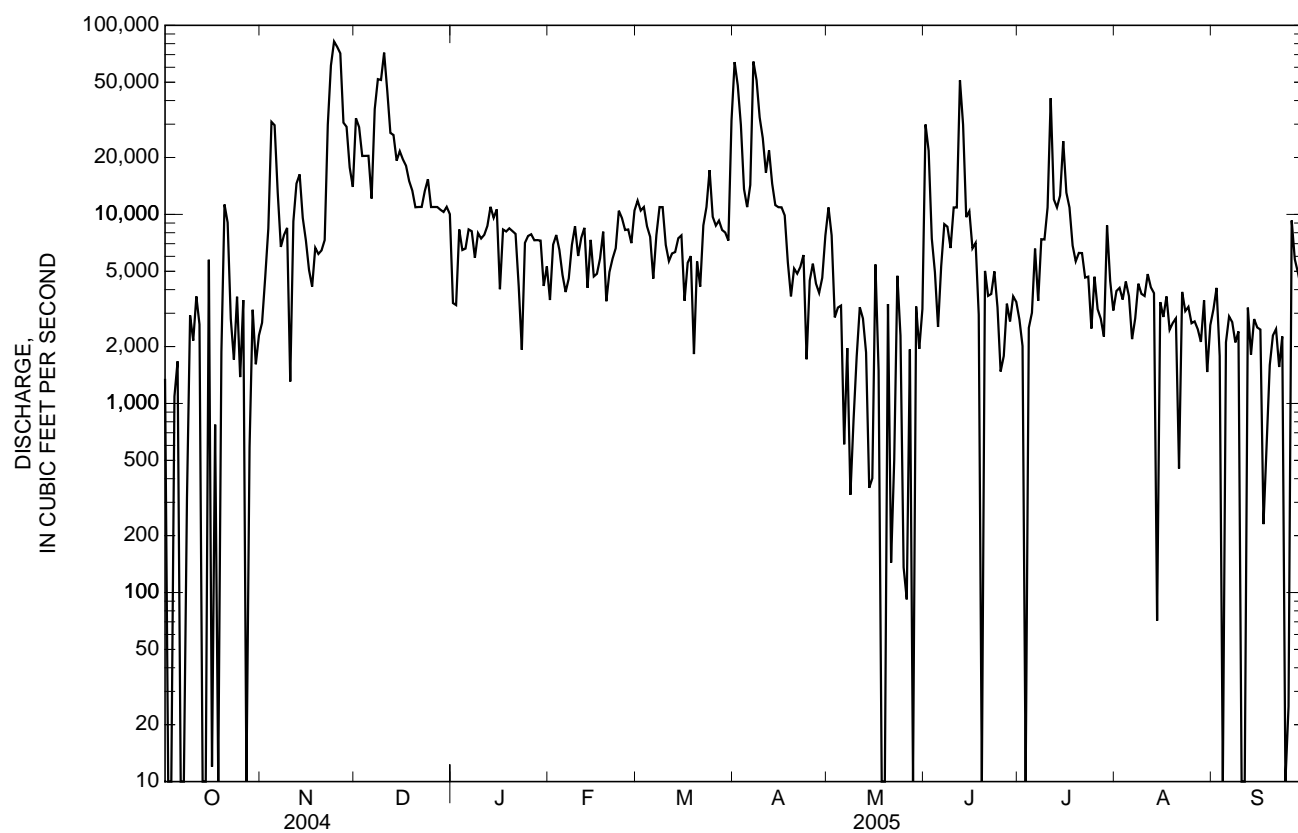
FOR 2005 WATER YEAR

WATER YEARS 1977 - 2005

ANNUAL TOTAL	3,291,788	3,305,185	7,585
ANNUAL MEAN	8,994	9,055	11,270
HIGHEST ANNUAL MEAN			2,879
LOWEST ANNUAL MEAN			1989
HIGHEST DAILY MEAN	142,000	Feb 6	178,000
LOWEST DAILY MEAN	0	Mar 27	0
ANNUAL SEVEN-DAY MINIMUM	439	Oct 2	0.00
MAXIMUM PEAK STAGE			190.19
ANNUAL RUNOFF (CFSM)	2.13	2.15	1.80
ANNUAL RUNOFF (INCHES)	29.02	29.14	24.43
10 PERCENT EXCEEDS	20,400	20,400	17,000
50 PERCENT EXCEEDS	4,160	5,550	3,630
90 PERCENT EXCEEDS	890	1,220	350

* Some undetermined amounts of leakage may have occurred during periods reported as no flow.

02462951 BLACK WARRIOR RIVER AT HOLT LOCK AND DAM NEAR HOLT, AL—Continued



02462952 BLACK WARRIOR RIVER BELOW HOLT LOCK AND DAM NEAR HOLT, AL

LOCATION.--Lat 33°15'10", long 87°27'05", in NW ¼ sec. 2, T. 21 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, at downstream end of lock, 0.2 mi downstream from Jim Mack Branch, 0.6 mi upstream from Hurricane Creek, 2.0 mi northeast of Holt, 3.1 mi upstream from North River, and at mile 135.0.

DRAINAGE AREA.--4,219 mi².

PERIOD OF RECORD.--July 1966 to current year (elevations only). October 1971 to current year in reports of Geological Survey. July 1966 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 156.87 ft, Dec. 3, 1983; minimum elevation, 121.0 ft, July 13, 1974.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 139.12 ft, Nov. 25; minimum elevation, 122.99 ft, July 4, Sept. 12.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	123.60	123.88	128.44	124.33	124.32	126.12	132.31	125.85	128.05	124.00	124.41	124.29
2	---	124.37	127.82	124.12	124.98	126.00	130.12	125.28	128.13	123.79	124.32	124.40
3	---	124.97	126.93	125.16	125.39	125.86	127.48	124.17	125.92	123.20	124.23	123.86
4	---	129.27	126.93	124.83	125.21	125.47	126.39	124.19	124.98	123.82	124.31	123.33
5	---	128.14	126.59	124.85	124.72	125.23	125.94	124.13	124.26	124.08	124.20	123.72
6	---	126.18	126.21	125.27	124.51	124.53	126.22	123.59	124.88	124.80	123.97	123.93
7	---	125.06	129.37	125.22	124.52	125.17	132.44	123.72	125.74	124.34	124.21	123.94
8	---	125.14	130.96	124.89	125.19	126.13	131.23	123.44	125.60	124.68	124.61	123.81
9	123.88	125.14	131.96	125.31	125.50	125.95	128.69	123.57	124.86	125.00	124.28	123.85
10	123.73	123.92	134.07	125.16	125.16	125.29	127.86	123.63	125.94	125.78	124.37	123.22
11	124.16	124.63	130.70	125.31	125.44	124.83	126.61	124.24	126.06	130.09	---	123.23
12	123.95	125.41	128.32	125.27	125.35	124.91	127.08	124.05	131.38	126.65	124.49	123.91
13	123.18	125.25	127.88	125.86	124.64	124.86	126.18	123.79	128.96	126.21	124.31	123.74
14	123.19	125.19	126.90	125.74	125.42	125.32	126.08	123.41	126.43	126.25	123.60	123.89
15	124.41	124.27	126.95	125.96	124.78	125.17	125.87	123.43	126.08	127.77	124.19	123.89
16	123.47	124.26	126.76	124.61	124.77	124.36	125.87	124.28	125.25	126.25	124.04	123.84
17	123.40	124.29	126.57	125.36	124.81	124.64	125.78	123.92	125.09	125.94	124.19	123.33
18	123.22	124.90	126.38	125.28	125.26	124.88	124.84	123.24	124.24	125.06	123.97	123.42
19	123.62	124.86	126.20	125.37	124.35	124.13	124.34	123.23	123.43	---	124.14	123.70
20	125.19	124.75	125.97	125.22	124.69	124.68	124.66	123.87	124.48	124.88	123.97	123.79
21	125.43	125.02	125.78	125.16	124.83	124.39	124.46	123.85	124.26	124.88	123.41	123.82
22	123.90	128.14	125.80	124.52	124.90	125.28	124.62	123.44	124.21	124.51	124.18	123.69
23	123.70	---	126.09	123.83	125.76	125.97	124.72	124.44	124.46	124.53	124.03	123.76
24	124.28	135.99	126.33	125.00	126.08	126.48	123.83	123.96	124.13	124.01	124.12	123.24
25	123.71	136.13	125.80	125.06	125.59	125.65	124.56	123.33	123.64	124.34	123.99	123.25
26	124.26	131.94	125.80	125.21	125.32	125.39	124.65	123.24	123.72	124.20	123.98	125.83
27	123.31	128.07	125.78	125.10	---	125.78	124.55	123.76	124.13	124.02	123.93	125.41
28	123.43	128.34	125.71	125.07	---	125.37	124.29	123.24	123.95	124.04	123.74	124.83
29	123.96	126.77	125.68	125.14	---	125.42	124.37	124.03	124.17	125.52	124.16	124.53
30	123.72	126.36	125.75	124.59	---	124.99	125.19	124.00	124.16	124.69	124.03	124.13
31	123.81	---	125.66	124.67	---	---	---	124.04	---	124.20	124.31	---
MEAN	---	---	127.29	125.05	---	---	126.37	123.88	125.35	---	---	123.92
MAX	---	---	134.07	125.96	---	---	132.44	125.85	131.38	---	---	125.83
MIN	---	---	125.66	123.83	---	---	123.83	123.23	123.43	---	---	123.22

02464000 NORTH RIVER NEAR SAMANTHA, AL

LOCATION.--Lat 33°28'45", long 87°35'50", in SW ¼ sec. 16, T. 18 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, on left bank a 200 ft downstream from bridge on county road, 1.2 mi upstream from Cripple Creek, 4 mi north of Samantha, and at mile 36.9.

DRAINAGE AREA.--223 mi².

PERIOD OF RECORD.--December 1938 to September 1954, October 1968 to current year.

REVISED RECORDS.--WSP 1304: 1939(M): WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 232.39 ft above NGVD of 1929. Prior to Jan. 25, 1939, nonrecording gage 40 ft downstream at same datum.

REMARKS.--No estimated daily discharge. Water-discharge records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1345	5,690	12.05	Jun 1	2230	7,930	15.44
Dec 9	2130	8,500	16.27	Jun 12	1430	8,000	15.54
Apr 7	1015	*9,360	*17.50	Sep 26	0615	6,970	14.01

Minimum discharge, 16 ft³/s, Oct. 8, 9, gage height, 1.53 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

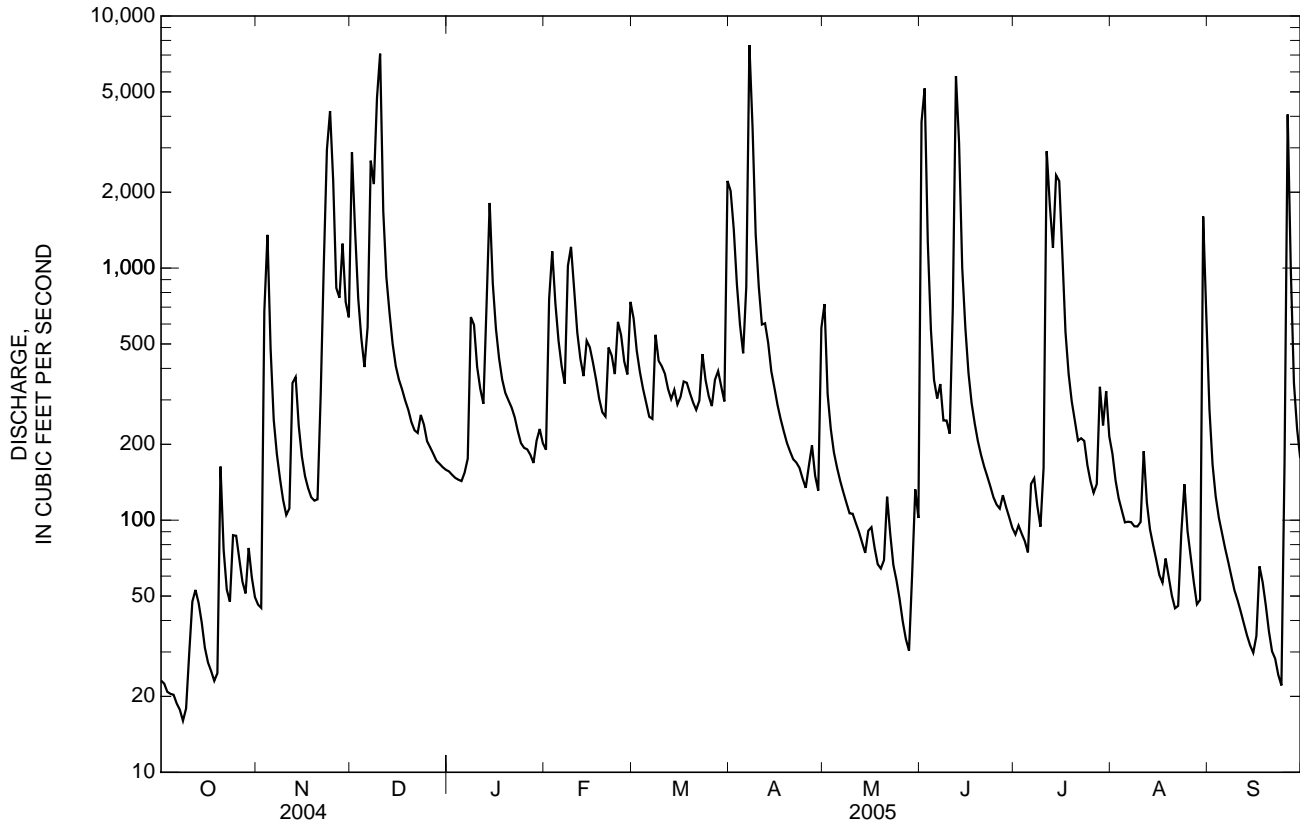
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	46	2,880	156	190	631	2,020	720	3,800	88	183	275
2	22	45	1,400	151	755	470	1,420	316	5,160	95	144	166
3	21	674	758	147	1,160	388	863	230	1,270	88	122	124
4	20	1,350	526	145	726	333	595	186	569	83	109	102
5	20	479	405	143	516	293	459	162	360	74	98	89
6	19	250	583	154	408	257	845	143	304	139	99	77
7	18	183	2,670	175	348	252	7,670	129	347	147	98	68
8	16	146	2,150	639	1,020	544	3,620	117	249	114	95	60
9	18	120	4,740	595	1,210	428	1,360	106	249	94	94	53
10	30	105	7,090	406	825	408	842	106	220	161	98	48
11	48	111	1,680	332	555	381	597	97	696	2,910	188	43
12	53	350	919	290	436	332	604	90	5,780	1,770	117	39
13	47	370	667	707	373	302	505	82	3,140	1,200	92	35
14	39	237	500	1,810	515	329	389	74	1,000	2,330	80	32
15	31	179	409	870	486	288	335	91	581	2,210	70	30
16	27	150	361	575	422	309	286	94	385	1,130	61	35
17	25	134	331	439	361	355	251	78	292	558	57	66
18	23	123	299	362	303	351	225	67	242	381	70	57
19	25	120	274	320	268	319	202	64	206	296	59	46
20	163	121	245	299	258	293	187	69	182	248	50	36
21	76	312	227	280	484	274	175	124	163	207	45	30
22	53	1,030	222	256	450	298	169	88	149	211	46	28
23	47	2,960	261	226	380	455	161	66	136	206	89	24
24	87	4,200	239	202	612	359	146	58	123	165	139	22
25	87	2,220	206	194	542	311	134	49	115	142	91	169
26	70	834	194	191	427	284	164	40	111	128	72	4,070
27	57	763	183	182	379	361	198	34	126	139	57	986
28	51	1,250	172	169	735	390	150	30	113	338	46	350
29	78	733	167	207	---	339	131	61	103	238	48	231
30	59	638	162	230	---	296	579	133	93	325	1,600	176
31	50	---	159	202	---	2,220	---	102	---	215	650	---
TOTAL	1,403	20,233	31,079	11,054	15,144	12,850	25,282	3,806	26,264	16,430	4,867	7,567
MEAN	45.3	674	1,003	357	541	415	843	123	875	530	157	252
MAX	163	4,200	7,090	1,810	1,210	2,220	7,670	720	5,780	2,910	1,600	4,070
MIN	16	45	159	143	190	252	131	30	93	74	45	22
CFSM	0.20	3.02	4.50	1.60	2.43	1.86	3.78	0.55	3.93	2.38	0.70	1.13
IN.	0.23	3.38	5.18	1.84	2.53	2.14	4.22	0.63	4.38	2.74	0.81	1.26

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	84.2	206	443	738	856	889	640	330	170	135	67.8	80.6
MAX	789	1,085	2,213	1,667	2,071	2,450	2,129	1,718	875	1,033	411	663
(WY)	(1976)	(1949)	(1984)	(1974)	(1990)	(1980)	(1979)	(1991)	(2005)	(1940)	(1975)	(1979)
MIN	1.50	8.72	24.8	82.0	176	134	63.9	41.8	10.0	4.23	3.27	0.34
(WY)	(2001)	(1954)	(1944)	(1944)	(2000)	(1988)	(1986)	(1941)	(1941)	(1954)	(1988)	(1954)

02464000 NORTH RIVER NEAR SAMANTHA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	163,832.9		175,979		384	
ANNUAL MEAN	448		482		684	
HIGHEST ANNUAL MEAN					109	
LOWEST ANNUAL MEAN					22,600	
HIGHEST DAILY MEAN	11,100	Feb 6	7,670	Apr 7		Mar 20, 1970
LOWEST DAILY MEAN	9.9	Sep 15	16	Oct 8	0.10	Sep 5, 1954
ANNUAL SEVEN-DAY MINIMUM	12	Sep 9	19	Oct 3	0.14	Sep 3, 1954
MAXIMUM PEAK FLOW			9,360	Apr 7	25,500	Mar 20, 1970
MAXIMUM PEAK STAGE			17.50	Apr 7	35.08	Mar 20, 1970
ANNUAL RUNOFF (CFSM)	2.01		2.16		1.72	
ANNUAL RUNOFF (INCHES)	27.33		29.36		23.37	
10 PERCENT EXCEEDS	893		1,010		888	
50 PERCENT EXCEEDS	171		206		118	
90 PERCENT EXCEEDS	35		47		11	



02464146 TURKEY CREEK NEAR TUSCALOOSA, AL

LOCATION.--Lat 33°24'48", long 87°30'38", in NE 1/4 sec. 7, T. 19 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, on left bank 1,400 ft downstream from State Highway 69, 1.1 mi upstream from Long Creek, 4.7 mi upstream from mouth, 5.5 mi east of Samantha, and 14 mi north of Tuscaloosa.

DRAINAGE AREA.--6.16 mi².

PERIOD OF RECORD.--February 1981 to September 1984, October 1986 to current year.

REVISED RECORDS.--WDR AL-82-1: 1981 (M).

GAGE.--Water-stage recorder. Elevation of gage is 270 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 22	1700	373	4.94	Jun 12	0345	840	6.54
Dec 7	0730	425	5.14	Jul 11	0145	594	5.76
Jun 1	1300	*1,200	*7.51	Jul 28	1745	304	4.63
Jun 6	1730	304	4.64				

Minimum discharge, 1.6 ft³/s, Oct. 6, 7, gage height, 2.51 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

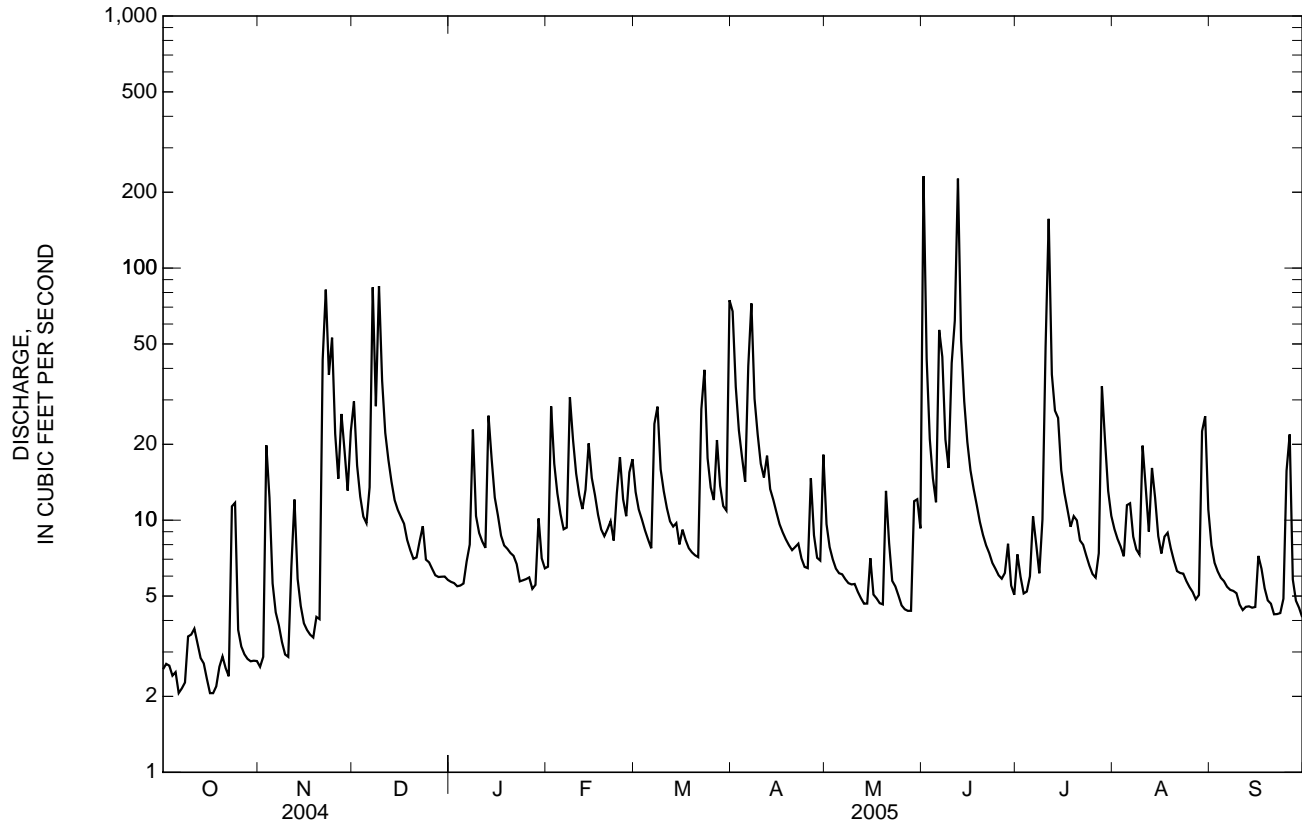
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.6	2.6	30	5.7	6.5	13	67	9.6	231	7.3	9.2	8.0
2	2.7	2.9	16	5.6	28	11	34	7.8	44	6.0	8.4	6.8
3	2.6	20	12	5.5	17	10	23	7.0	21	5.1	7.9	6.3
4	2.4	12	10	5.5	13	9.1	18	6.4	15	5.2	7.2	5.9
5	2.5	5.6	9.7	5.6	11	8.4	14	6.2	12	6.0	11	5.7
6	2.1	4.3	14	6.9	9.2	7.7	41	6.1	57	10	12	5.4
7	2.2	3.8	84	8.0	9.3	24	72	5.8	44	8.0	8.6	5.3
8	2.3	3.3	28	23	31	28	30	5.6	21	6.2	7.7	5.2
9	3.5	2.9	85	10	21	16	22	5.6	16	10	7.3	5.1
10	3.5	2.9	36	8.9	15	13	17	5.6	42	49	20	4.6
11	3.7	6.5	22	8.2	13	11	15	5.2	62	157	13	4.4
12	3.2	12	17	7.8	11	9.9	18	4.9	226	38	9.0	4.5
13	2.8	5.8	14	26	13	9.4	13	4.7	52	27	16	4.6
14	2.7	4.6	12	17	20	9.7	12	4.7	30	25	12	4.5
15	2.3	3.9	11	12	15	8.0	11	7.1	20	16	8.6	4.5
16	2.1	3.7	10	10	13	9.2	9.6	5.1	16	13	7.4	7.2
17	2.1	3.5	9.7	8.7	11	8.3	8.9	4.9	13	11	8.6	6.4
18	2.2	3.4	8.4	7.9	9.2	7.7	8.4	4.7	11	9.4	8.9	5.4
19	2.6	4.1	7.6	7.7	8.6	7.5	8.0	4.6	9.9	10	7.7	4.8
20	2.9	4.1	7.0	7.4	9.2	7.3	7.6	13	8.7	10	6.9	4.7
21	2.6	43	7.1	7.2	9.9	7.1	7.8	8.1	7.9	8.3	6.3	4.2
22	2.4	82	8.3	6.7	8.3	28	8.1	5.7	7.4	8.0	6.2	4.2
23	11	38	9.5	5.7	13	39	7.1	5.5	6.8	7.2	6.1	4.3
24	12	53	7.0	5.8	18	18	6.5	5.0	6.4	6.6	5.7	4.9
25	3.7	22	6.8	5.8	12	13	6.5	4.6	6.0	6.1	5.4	16
26	3.2	15	6.4	5.9	10	12	15	4.4	5.9	5.9	5.2	22
27	2.9	26	6.0	5.3	15	21	8.7	4.4	6.2	7.4	4.9	5.8
28	2.8	19	6.0	5.5	17	14	7.1	4.4	8.1	34	5.0	4.8
29	2.8	13	6.0	10	---	11	6.9	12	5.5	21	23	4.5
30	2.8	23	6.0	7.1	---	11	18	12	5.1	13	26	4.1
31	2.8	---	5.8	6.4	---	75	---	9.3	---	10	11	---
TOTAL	102.0	445.9	518.3	268.8	387.2	477.3	541.2	200.0	1,016.9	556.7	302.2	184.1
MEAN	3.29	14.9	16.7	8.67	13.8	15.4	18.0	6.45	33.9	18.0	9.75	6.14
MAX	12	82	85	26	31	75	72	13	231	157	26	22
MIN	2.1	2.6	5.8	5.3	6.5	7.1	6.5	4.4	5.1	5.1	4.9	4.1
CFSM	0.53	2.41	2.71	1.41	2.24	2.50	2.93	1.05	5.50	2.92	1.58	1.00
IN.	0.62	2.69	3.13	1.62	2.34	2.88	3.27	1.21	6.14	3.36	1.82	1.11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 2005, BY WATER YEAR (WY)

MEAN	3.67	7.39	12.9	17.2	18.2	16.9	13.8	9.63	8.83	6.33	3.50	4.08
MAX	8.54	14.9	59.3	31.3	45.8	25.6	37.5	36.9	33.9	18.0	9.75	19.7
(WY)	(2002)	(2005)	(1984)	(1990)	(1990)	(2001)	(2000)	(1983)	(2005)	(2005)	(2005)	(2001)
MIN	1.34	2.02	3.05	6.47	4.95	5.43	5.25	1.81	0.80	1.73	0.92	0.97
(WY)	(1988)	(1982)	(1988)	(2004)	(2000)	(1992)	(1992)	(1988)	(1988)	(1981)	(1988)	(1981)

02464146 TURKEY CREEK NEAR TUSCALOOSA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1981 - 2005	
ANNUAL TOTAL	3,647.4		5,000.6		10.3	
ANNUAL MEAN	9.97		13.7		16.1	
HIGHEST ANNUAL MEAN					3.57	
LOWEST ANNUAL MEAN					819	
HIGHEST DAILY MEAN	200	Feb 6	231	Jun 1	819	Dec 3, 1983
LOWEST DAILY MEAN	1.6	Sep 14	2.1	Oct 6	0.55	Jun 29, 1988
ANNUAL SEVEN-DAY MINIMUM	1.7	Sep 9	2.4	Oct 13	0.61	Aug 27, 1988
MAXIMUM PEAK FLOW			1,200	Jun 1	3,500	Dec 3, 1983
MAXIMUM PEAK STAGE			7.51	Jun 1	11.98	Dec 3, 1983
ANNUAL RUNOFF (CFSM)	1.62		2.22		1.67	
ANNUAL RUNOFF (INCHES)	22.03		30.20		22.66	
10 PERCENT EXCEEDS	18		26		21	
50 PERCENT EXCEEDS	5.2		8.0		5.2	
90 PERCENT EXCEEDS	2.5		3.7		1.7	



02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL

LOCATION.--Lat 33°25'29", long 87°38'33", in SW 1/4 sec. 1, T. 19 S., R. 11 W., Tuscaloosa County, Hydrologic Unit 03160112, at county road 30 ft downstream from Gin Creek, 1.0 mi downstream from Wolf Creek, and 2.2 mi west of Samantha.

DRAINAGE AREA.--57.2 mi².

PERIOD OF RECORD.--October 1986 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 230 ft. above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Oct. 3-21, 26, Nov. 3 - Dec. 9, Jan. 24-30, Feb. 14, Feb. 17 - Mar. 11, May 5, 6, 12-16, July 7-14, 18-25, Aug. 1, 2, Aug. 27 - Sept. 8, Sept. 20-30. Water-discharge records are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec 9	1600	1,460	11.39	Jun 12	1045	1,500	11.43
Apr 7	0745	1,790	11.72	Sep 12	1400	*1,890	*11.81

Minimum discharge, 12 ft³/s, Aug. 5, 6, 7, gage height, 3.88 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	23	34	e320	54	63	e120	573	115	686	30	e18	e52
2	23	35	e150	53	122	e94	449	67	437	34	e16	e45
3	e23	e280	e100	52	293	e86	208	56	127	28	14	e34
4	e24	e294	e90	51	126	e76	151	51	79	27	13	e33
5	e24	e104	e78	52	99	e72	122	e49	66	55	13	e32
6	e23	e70	e140	68	86	e66	202	e48	74	42	13	e28
7	e22	e59	e375	72	81	e77	1,070	45	175	e45	12	e19
8	e22	e53	e313	250	209	e122	468	42	85	e34	18	e17
9	e25	e48	e553	107	171	e95	233	41	74	e29	35	14
10	e38	e45	613	77	124	e89	164	42	97	e61	51	13
11	e49	e52	257	69	98	e85	130	40	307	e332	27	18
12	e48	e115	168	65	87	72	177	e41	999	e119	18	923
13	e41	e105	130	239	85	68	138	e39	478	e65	15	506
14	e35	e72	104	264	e80	100	104	e38	181	e72	14	135
15	e30	e62	91	122	116	79	92	e46	109	19	124	77
16	e28	e56	85	94	94	94	81	e44	78	17	389	62
17	e26	e54	81	79	e117	87	74	35	62	22	122	53
18	e23	e53	76	72	e84	75	69	33	54	e34	44	48
19	e33	e51	72	69	e76	68	65	31	48	e33	32	44
20	e106	e54	66	68	e71	67	61	73	43	e36	26	e36
21	e47	e118	66	67	e123	67	59	124	40	e40	23	e31
22	34	e278	71	64	e103	99	60	53	37	e44	21	e31
23	34	e495	93	57	e96	341	57	41	34	e46	20	e25
24	172	e479	72	e58	e136	124	53	38	33	e41	19	e28
25	78	e229	64	e60	e114	93	52	32	32	e39	18	e183
26	e54	e114	61	e63	e91	81	92	30	34	25	18	e1,020
27	40	e131	58	e62	e98	172	103	29	35	29	e18	e199
28	38	e177	56	e62	e152	114	63	28	31	33	e16	e89
29	36	e103	56	e75	---	85	55	72	29	27	e34	e77
30	35	e122	56	e80	---	75	171	104	28	22	e348	e58
31	35	---	55	69	---	494	---	67	---	19	e112	---
TOTAL	1,269	3,942	4,570	2,694	3,195	3,437	5,396	1,594	4,592	1,499	1,661	3,930
MEAN	40.9	131	147	86.9	114	111	180	51.4	153	48.4	53.6	131
MAX	172	495	613	264	293	494	1,070	124	999	332	389	1,020
MIN	22	34	55	51	63	66	52	28	28	17	12	13
CFSM	0.72	2.30	2.58	1.52	1.99	1.94	3.14	0.90	2.68	0.85	0.94	2.29
IN.	0.83	2.56	2.97	1.75	2.08	2.24	3.51	1.04	2.99	0.97	1.08	2.56

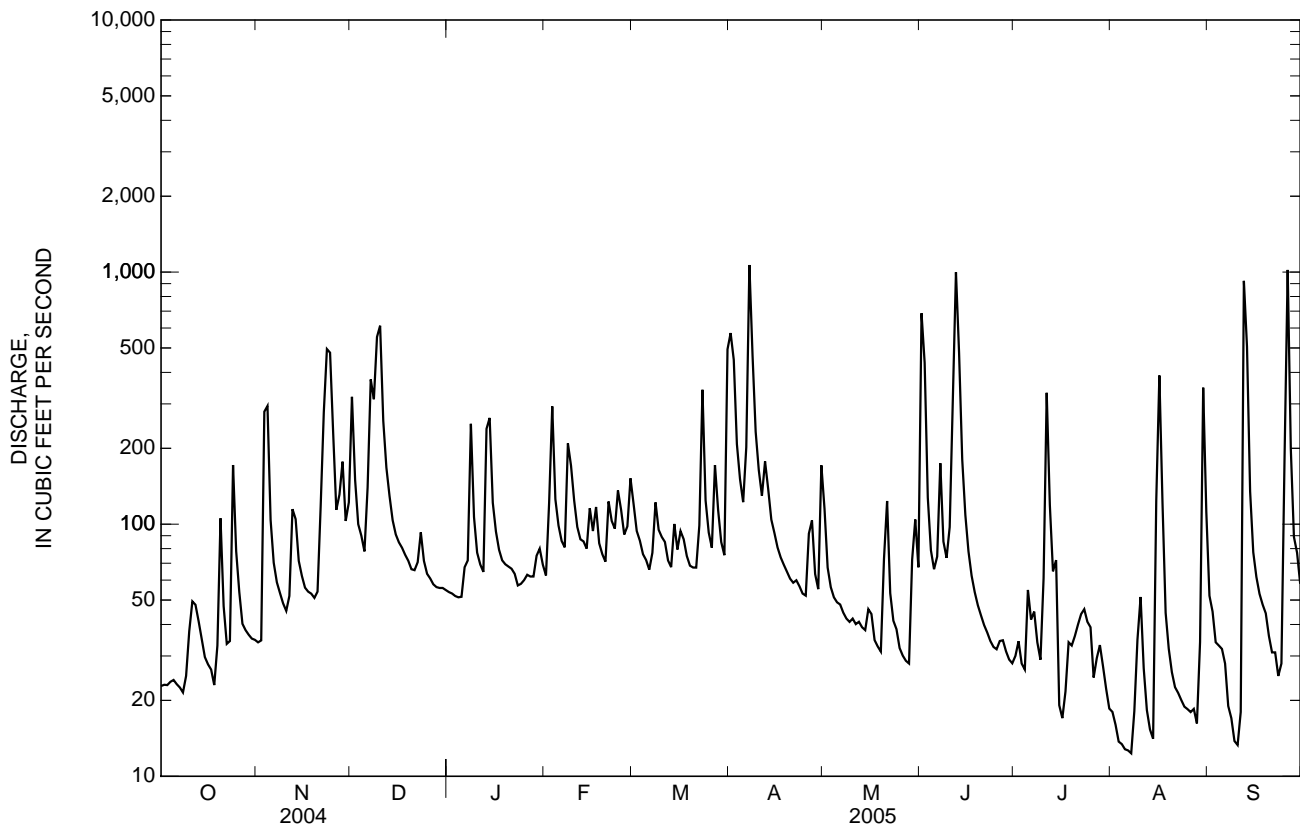
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1987 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)	(WY)
MEAN	43.7	77.0	96.5	153	167	148	120	73.8	76.6	63.1	33.6	43.2
MAX	142	131	188	290	375	228	287	293	242	183	60.9	131
(WY)	(2002)	(2005)	(2002)	(1999)	(1990)	(1990)	(1991)	(1991)	(1989)	(1989)	(1996)	(2005)
MIN	14.1	34.3	38.2	68.4	44.8	48.2	50.8	17.9	10.8	11.2	12.5	9.62
(WY)	(2001)	(1988)	(2001)	(1988)	(2000)	(1988)	(1987)	(1988)	(1988)	(2000)	(1987)	(2000)

02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1987 - 2005	
ANNUAL TOTAL	38,711		37,779		90.8	
ANNUAL MEAN	106		104		124	2003
HIGHEST ANNUAL MEAN					38.8	1988
LOWEST ANNUAL MEAN					3,030	Feb 6, 2004
HIGHEST DAILY MEAN	3,030	Feb 6	1,070	Apr 7	6.2	Aug 31, 2000
LOWEST DAILY MEAN	20	Sep 10	12	Aug 7	6.7	Aug 20, 2000
ANNUAL SEVEN-DAY MINIMUM	20	Sep 8	14	Aug 1	7,230	Feb 16, 1990
MAXIMUM PEAK FLOW			1,890	Sep 12	15.19	Feb 16, 1990
MAXIMUM PEAK STAGE			11.81	Sep 12	1.59	
ANNUAL RUNOFF (CFSM)	1.85		1.81		21.56	
ANNUAL RUNOFF (INCHES)	25.18		24.57		176	
10 PERCENT EXCEEDS	192		204		51	
50 PERCENT EXCEEDS	62		65		19	
90 PERCENT EXCEEDS	27		24			

e Estimated



02464800 LAKE TUSCALOOSA NEAR TUSCALOOSA, AL

LOCATION.--Lat 33°16'02", long 87°30'22", in NW 1/4 sec. 32, T. 20 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, at spillway of dam, 4 mi northeast of Northport, 5.5 mi northeast of Tuscaloosa.

DRAINAGE AREA.--416 mi².

PERIOD OF RECORD.--October 1982 to current year (elevations only).

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation, 229.96 ft, Dec. 3, 1983; minimum elevation, 219.49 ft, Nov. 6, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 226.28 ft, Apr. 7, 8; minimum elevation, ft, Aug. 10.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	223.32	223.42	224.59	223.60	223.65	224.06	225.03	223.89	224.40	223.41	223.65	223.97
2	223.32	223.44	224.68	223.60	223.81	224.00	224.97	223.85	225.69	223.41	223.60	223.80
3	223.32	223.64	224.40	223.59	224.15	223.93	224.62	223.76	225.13	223.40	223.56	223.69
4	223.31	224.13	224.19	223.59	224.16	223.87	224.33	223.70	224.46	223.39	223.52	223.59
5	223.30	224.12	224.04	223.58	224.06	223.82	224.13	223.64	224.12	223.40	223.49	223.53
6	223.29	223.93	224.02	223.60	223.96	223.77	224.09	223.60	223.98	223.49	223.52	223.48
7	223.28	223.80	224.51	223.62	223.89	223.78	225.64	223.58	224.04	223.54	223.55	223.44
8	223.27	223.72	224.95	223.83	224.00	224.03	225.97	223.56	223.95	223.53	223.53	223.42
9	223.29	223.64	225.18	223.96	224.23	224.03	225.07	223.54	223.84	223.50	223.50	223.39
10	223.32	223.59	226.16	223.93	224.23	223.96	224.56	223.52	223.85	223.61	223.54	223.37
11	223.36	223.60	225.54	223.86	224.11	223.91	224.28	223.51	224.14	224.79	223.66	223.35
12	223.39	223.72	224.74	223.81	224.01	223.85	224.19	223.49	225.51	225.10	223.62	223.34
13	223.40	223.78	224.38	223.88	223.95	223.82	224.12	223.47	225.89	224.72	223.60	223.33
14	223.39	223.75	224.15	224.31	224.02	223.83	224.00	223.46	225.03	224.61	223.68	223.31
15	223.37	223.70	224.00	224.31	224.03	223.80	223.92	223.49	224.48	224.59	223.61	223.30
16	223.36	223.65	223.92	224.15	223.99	223.79	223.84	223.48	224.16	224.47	223.55	223.30
17	223.35	223.62	223.87	224.01	223.93	223.79	223.79	223.45	223.96	224.22	223.50	223.34
18	223.33	223.59	223.82	223.90	223.86	223.78	223.74	223.44	223.83	224.01	223.47	223.35
19	223.34	223.59	223.80	223.82	223.80	223.77	223.70	223.43	223.73	223.86	223.45	223.35
20	223.38	223.59	223.74	223.77	223.78	223.76	223.67	223.46	223.66	223.76	223.43	223.34
21	223.42	223.76	223.71	223.74	223.83	223.74	223.65	223.64	223.61	223.69	223.41	223.32
22	223.42	224.21	223.70	223.72	223.88	223.80	223.65	223.62	223.57	223.63	223.39	223.30
23	223.42	224.95	223.76	223.68	223.88	224.21	223.64	223.57	223.54	223.60	223.40	223.29
24	223.68	225.33	223.73	223.63	224.01	224.16	223.61	223.54	223.50	223.57	223.43	223.27
25	223.67	225.38	223.70	223.61	224.04	224.02	223.57	223.48	223.48	223.53	223.44	223.36
26	223.60	224.73	223.67	223.61	223.98	223.93	223.62	223.45	223.47	223.49	223.42	224.69
27	223.55	224.41	223.65	223.60	223.94	223.97	223.70	223.42	223.45	223.47	223.39	224.84
28	223.51	224.43	223.63	223.58	224.03	223.96	223.66	223.41	223.45	223.59	223.37	224.30
29	223.48	224.31	223.62	223.65	---	223.90	223.62	223.47	223.43	223.72	223.39	223.99
30	223.46	224.18	223.61	223.68	---	223.84	223.71	223.59	223.42	223.73	223.88	223.80
31	223.44	---	223.61	223.66	---	224.39	---	223.62	---	223.70	224.13	---
MEAN	223.40	223.99	224.16	223.77	223.97	223.91	224.14	223.55	224.09	223.82	223.54	223.57
MAX	223.68	225.38	226.16	224.31	224.23	224.39	225.97	223.89	225.89	225.10	224.13	224.84
MIN	223.27	223.42	223.61	223.58	223.65	223.74	223.57	223.41	223.42	223.39	223.37	223.27
WTR YR	2005	MEAN	223.82	MAX	226.16	MIN	223.27					

02465000 BLACK WARRIOR RIVER AT OLIVER LOCK AND DAM AT NORTHPORT, AL
(Formerly published as Black Warrior River at Northport)

LOCATION.--Lat 33°12'33", long 87°35'24", in NW ¼ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, on upstream guidewall of "new" Oliver Lock and Dam, 0.5 mi upstream from Mill Creek, 0.9 mi downstream from Illinois Central Gulf Railroad bridge, 1.7 mi downstream from Two Mile Creek, 5.9 mi downstream from North River, and at mile 125.9.

DRAINAGE AREA.--4,820 mi².

PERIOD OF RECORD.--January 1889 to September 1894 (gage heights only), October 1894 to December 1902, January 1903 to December 1905 (gage heights and discharge measurements only), August 1928 to current year. Monthly discharge only for period October to December 1894, published in WSP 1304.

REVISED RECORDS.--WSP 1002: 1940-43. WSP 1624: 1900. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers). Gage-height records from July 1, 1992 to September 30, 1999 are at a datum of 82.30 ft above NGVD of 1929. Gage-height records published prior to July 1, 1991 are at datum 83.35 ft above NGVD of 1929. See WSP 2106 for history of changes prior to Mar. 19, 1951. Mar. 20, 1951 to Feb. 13, 1974, water-stage recorder 0.35 mi upstream on pier of former bridge at 83.35 ft datum. Feb. 14, 1974, to Aug. 7, 1974, nonrecording gage at site 0.35 mi downstream at datum 1.08 ft lower. Aug. 8, 1974 to Sept. 30, 1991, water-stage recorder at loading dock of Alabama State Dock facility, 0.4 mi upstream at same datum. Subsequent to Apr. 19, 1944, auxiliary water-stage recorder, and Aug. 29, 1939, to Apr. 18, 1944, auxiliary nonrecording gage, 500 ft downstream from Oliver Lock and Dam at datum 1.08 ft lower.

REMARKS.--Estimated daily discharge: Mar. 31, Apr. 6, 7, June 6. Water-discharge records fair except those below 6,000 ft³/s and those estimated, which are poor. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02451950), by Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, and Holt Lock and Dam on Black Warrior River, usable capacity 115,000 acre-ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 119,000 ft³/s, Nov. 25, gage height, 134.79 ft; minimum discharge, 98 ft³/s, Oct. 2, gage height, 123.14 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1,660	2,860	29,100	5,180	4,890	14,400	55,400	12,600	28,500	3,560	6,450	4,770
2	207	5,360	25,300	3,920	8,050	13,600	40,300	9,700	27,900	2,520	6,480	5,420
3	140	8,630	19,500	9,070	10,400	12,800	23,400	4,200	13,600	236	6,050	2,710
4	1,290	34,700	19,200	7,280	9,320	10,500	16,200	4,460	8,130	2,840	6,630	495
5	1,860	27,300	17,300	7,390	6,860	9,340	13,300	4,140	5,160	3,690	6,170	2,320
6	225	14,700	14,900	9,530	5,640	5,850	e16,200	1,860	e7,570	7,230	4,800	3,170
7	144	8,490	35,300	9,400	5,770	9,340	e62,800	2,120	12,200	5,180	5,420	3,470
8	215	8,720	46,200	7,300	9,270	14,500	49,100	999	11,500	6,830	7,070	2,960
9	3,020	8,930	52,600	9,720	11,100	13,400	31,100	1,610	8,240	8,280	6,080	2,930
10	2,240	3,110	67,400	8,950	8,920	9,660	25,600	1,690	13,300	12,500	7,020	635
11	4,220	6,120	45,100	9,640	10,400	7,250	17,600	4,690	14,300	40,700	7,240	231
12	3,000	10,400	28,700	9,530	10,100	7,860	20,200	3,990	49,600	18,100	6,960	3,390
13	181	9,330	25,500	12,900	6,280	7,470	14,700	2,750	33,700	15,300	6,520	2,660
14	204	9,480	19,100	12,300	10,400	9,820	14,000	561	16,900	15,300	1,130	3,080
15	5,330	4,700	19,500	13,600	7,030	9,220	12,700	997	14,300	25,100	4,760	3,030
16	1,220	4,270	18,300	6,110	7,240	5,160	12,900	4,910	9,770	15,600	5,190	2,870
17	933	4,460	17,300	9,950	7,040	6,230	12,200	3,270	9,120	13,200	5,950	488
18	299	7,440	16,200	9,620	9,610	7,420	7,760	239	5,330	8,780	5,130	1,180
19	1,980	7,440	15,000	9,920	4,930	3,970	5,330	234	1,550	8,010	5,370	2,470
20	9,780	6,920	13,400	9,400	6,460	6,360	6,670	3,340	5,850	7,790	5,290	4,310
21	10,600	8,700	12,100	9,040	7,210	5,270	5,770	3,290	5,440	7,660	3,850	5,000
22	3,120	28,000	12,200	5,640	7,730	9,940	6,560	769	5,850	5,910	6,110	4,430
23	2,230	55,200	13,900	2,620	12,100	13,500	7,060	5,950	6,160	5,980	5,570	5,010
24	4,400	84,500	15,800	8,230	14,100	16,900	2,690	3,850	4,590	3,810	3,970	3,790
25	1,950	91,900	12,100	8,430	11,300	11,500	6,240	1,010	2,490	6,780	3,420	3,650
26	4,640	53,900	12,200	9,160	10,000	10,200	6,720	301	4,360	5,860	3,270	13,500
27	447	27,000	12,000	8,640	7,390	12,100	5,840	2,230	5,520	5,460	3,160	10,400
28	851	28,400	11,700	8,610	13,300	10,000	4,930	849	3,480	5,250	2,360	7,240
29	3,300	18,500	11,400	8,880	---	10,300	5,310	3,680	4,250	11,000	4,620	6,230
30	2,300	15,800	12,000	5,990	---	7,860	10,500	3,800	4,250	7,400	2,920	5,630
31	2,570	---	11,400	6,410	---	e34,200	---	4,090	---	5,760	4,610	---
TOTAL	74,556	605,260	681,700	262,360	242,840	325,920	519,080	98,179	342,910	291,616	159,570	117,469
MEAN	2,405	20,180	21,990	8,463	8,673	10,510	17,300	3,167	11,430	9,407	5,147	3,916
MAX	10,600	91,900	67,400	13,600	14,100	34,200	62,800	12,600	49,600	40,700	7,240	13,500
MIN	140	2,860	11,400	2,620	4,890	3,970	2,690	234	1,550	236	1,130	231
CFSM	0.50	4.19	4.56	1.76	1.80	2.18	3.59	0.66	2.37	1.95	1.07	0.81
IN.	0.58	4.67	5.26	2.02	1.87	2.52	4.01	0.76	2.65	2.25	1.23	0.91

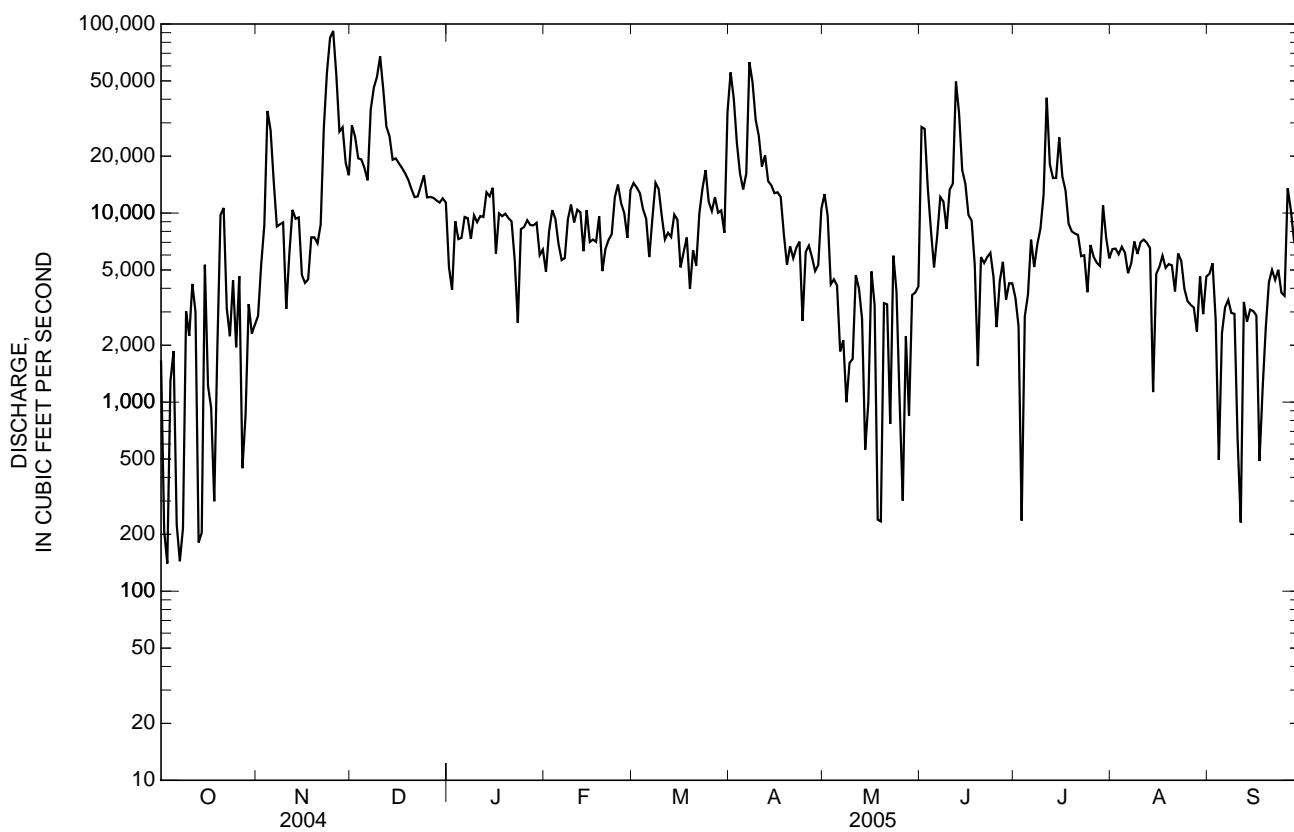
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 2005, BY WATER YEAR (WY)

MEAN	2,224	4,386	8,590	14,570	16,800	18,660	13,600	6,841	3,837	3,503	2,426	2,192
MAX	17,330	39,740	35,810	39,310	44,360	52,890	52,940	33,030	30,320	22,680	8,603	10,350
(WY)	(1933)	(1930)	(1933)	(1949)	(1990)	(1897)	(1900)	(2003)	(1900)	(1940)	(1941)	(2001)
MIN	93.4	115	858	1,154	3,232	3,626	1,236	1,010	303	288	361	139
(WY)	(1898)	(1898)	(1944)	(1956)	(2000)	(1898)	(1986)	(1941)	(1898)	(1952)	(1953)	(1954)

02465000 BLACK WARRIOR RIVER AT OLIVER LOCK AND DAM AT NORTHPORT, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1895 - 2005	
ANNUAL TOTAL	3,571,770		3,721,460		8,018	
ANNUAL MEAN	9,759		10,200		13,140	
HIGHEST ANNUAL MEAN					3,305	
LOWEST ANNUAL MEAN					233,000	
HIGHEST DAILY MEAN	156,000	Feb 6	91,900	Nov 25	272,000	Apr 13, 1979
LOWEST DAILY MEAN	140	Oct 3	140	Oct 3	20	Oct 16, 1987
ANNUAL SEVEN-DAY MINIMUM	583	Oct 2	583	Oct 2	46	Jul 23, 1952
MAXIMUM PEAK FLOW			119,000	Nov 25	272,000	Apr 13, 1979
MAXIMUM PEAK STAGE			134.79	Nov 25	151.05	Apr 18, 1900
ANNUAL RUNOFF (CFSM)	2.02		2.12		1.66	
ANNUAL RUNOFF (INCHES)	27.57		28.72		22.60	
10 PERCENT EXCEEDS	19,100		19,100		18,900	
50 PERCENT EXCEEDS	4,880		7,040		3,440	
90 PERCENT EXCEEDS	1,210		1,970		477	

e Estimated



02465005 BLACK WARRIOR RIVER BELOW OLIVER LOCK AND DAM AT TUSCALOOSA, AL

LOCATION.--Lat 33°12'28", long 87°35'36", in NW ¼ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, on downstream side of Oliver Lock and Dam at Tuscaloosa, 0.4 mi upstream from Mill Creek, 1.0 mi downstream from Illinois Central Gulf Railroad bridge, and at mile 125.8.

DRAINAGE AREA.--4,821 mi².

PERIOD OF RECORD.--August 1939 to current year (elevations only). October 1971 to current year in reports of Geological Survey. August 1939 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers). Records published prior to October 1, 1999 are at datum 82.30 ft above NGVD of 1929. April 19, 1944 to June 19, 1991, water-stage recorder 0.3 mi upstream on downstream side of "old" Oliver Lock and Dam at former datum. Prior to April 19, 1944, nonrecording gage at former site at former datum.

EXTREMES (0700) FOR PERIOD OF RECORD.--Maximum elevation, 149.00 ft (NGVD of 1929), Feb. 22, 1961; minimum elevation, 92.30 ft (NGVD of 1929), many days in October and November 1953, September 1954 and 1955.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 131.87 ft, Nov. 25; minimum elevation, 95.45 ft, Sept. 11.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	96.74	109.97	99.84	98.64	104.13	122.03	102.83	106.37	97.38	98.17	97.71
2	---	97.88	111.63	97.76	99.47	104.23	119.69	101.74	113.20	96.77	98.03	98.06
3	---	99.21	108.42	99.87	101.43	103.60	114.07	98.92	107.22	96.07	97.92	97.01
4	---	110.79	107.54	99.91	101.63	102.36	109.38	97.77	102.45	96.67	97.86	95.91
5	---	111.36	106.59	99.84	100.19	101.52	105.58	97.39	99.20	97.26	97.95	96.34
6	---	107.04	105.59	100.84	99.25	99.90	104.49	96.99	98.69	98.88	97.36	96.56
7	---	101.94	111.21	101.13	98.66	100.13	122.23	96.39	102.02	98.54	97.28	96.84
8	---	100.68	118.44	100.56	100.23	104.33	121.79	96.40	103.17	98.68	98.59	96.77
9	---	100.34	120.68	101.24	102.12	104.36	116.57	96.23	100.20	99.86	97.93	96.64
10	---	98.68	126.40	100.99	102.07	102.58	113.20	96.33	103.03	102.20	98.08	96.02
11	---	97.91	123.00	101.57	101.90	100.61	108.74	97.61	104.30	113.67	99.07	95.59
12	---	100.77	116.21	101.22	101.77	99.94	108.29	97.33	116.73	111.68	98.82	96.64
13	---	101.05	113.24	103.13	100.19	100.03	106.23	97.10	117.37	107.66	97.59	96.75
14	---	100.95	109.54	103.26	101.33	101.19	104.70	96.19	110.59	105.81	---	96.73
15	---	99.11	108.04	103.95	100.86	101.16	103.97	96.11	106.54	109.01	98.23	96.79
16	---	97.45	107.14	100.71	100.52	99.83	103.74	97.41	103.00	106.82	97.42	96.71
17	---	97.63	106.59	100.88	99.48	98.61	103.33	98.02	101.20	104.57	97.39	96.08
18	---	98.94	105.63	101.42	100.78	99.80	100.85	95.83	99.19	101.78	97.16	95.85
19	---	99.69	105.23	101.73	99.35	98.63	99.25	95.86	96.63	100.70	97.23	96.41
20	---	99.20	104.20	101.22	99.11	98.63	98.96	96.76	97.65	99.87	97.20	96.56
21	101.97	100.15	103.49	101.01	99.82	98.39	98.88	98.16	98.24	100.06	96.29	96.53
22	---	106.94	103.30	99.72	99.76	100.28	99.29	96.15	97.93	99.13	97.28	96.53
23	---	121.12	104.00	97.40	102.40	103.32	99.43	97.79	98.34	98.83	97.31	96.54
24	---	126.44	105.24	99.30	104.12	105.36	97.83	97.35	98.02	97.82	97.24	95.95
25	---	129.94	103.76	100.35	103.32	103.45	98.63	96.12	96.77	97.56	97.12	95.76
26	---	125.45	103.38	100.91	102.18	102.03	98.80	95.88	96.47	98.00	97.00	101.15
27	---	118.06	103.18	100.73	100.99	103.23	99.34	96.44	97.24	97.38	97.01	102.13
28	---	115.29	102.97	100.60	103.49	101.92	98.43	96.19	97.09	97.34	96.55	100.10
29	97.17	110.23	102.76	100.91	---	102.17	98.34	96.77	97.44	100.42	97.51	98.89
30	96.82	107.34	102.98	99.78	---	100.61	101.13	97.72	97.66	99.97	97.56	97.58
31	96.66	---	102.82	99.27	---	---	---	97.32	---	98.14	97.73	---
MEAN	---	105.94	108.49	100.68	100.89	---	105.91	97.26	102.13	100.92	---	97.10
MAX	---	129.94	126.40	103.95	104.12	---	122.23	102.83	117.37	113.67	---	102.13
MIN	---	96.74	102.76	97.40	98.64	---	97.83	95.83	96.47	96.07	---	95.59

02465292 CRIBBS MILL CREEK AT WASTEWATER PLANT AT TUSCALOOSA, AL

LOCATION.--Lat 33°10'29", long 87°33'53", in SE ¼ sec. 34, T. 21 S., R. 10 W., Tuscaloosa County Hydrologic Unit 03160113, on right bank, at Hillard R. Fletcher Sewage Treatment Plant, 0.1 mi downstream of Kauloosa Avenue, 2 mi south of Tuscaloosa, at mile 2.5.

DRAINAGE AREA.--10.7 mi².

PERIOD OF RECORD.--July 2002 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 140 ft. above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Dec. 12-20, 24-30, Jan. 3, 4, Feb. 25 - Mar. 1, Mar. 3, 4, 7, 8. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 3	2030	2,500	9.68	May 20	1900	1,870	8.62
Nov 22	1700	*6,550	*11.72	Jul 11	0115	1,940	8.76
Apr 6	2130	1,940	8.76	Aug 13	1845	3,780	10.49

Minimum discharge, 5.7 ft³/s, on several days, gage height, 1.31 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.0	6.5	25	11	12	e17	94	13	246	18	9.4	14
2	6.0	12	15	11	56	15	16	12	24	16	9.5	13
3	6.0	423	14	e11	16	e15	13	12	18	15	8.6	13
4	6.0	50	13	e11	13	e14	11	12	17	16	8.4	13
5	6.0	13	16	11	12	13	11	12	16	18	20	13
6	6.0	11	32	16	12	13	308	11	42	52	8.8	13
7	5.8	11	65	33	15	e45	77	11	24	20	15	12
8	5.9	10	16	37	55	e35	26	11	26	16	8.2	12
9	7.0	9.9	91	11	35	15	21	11	79	23	13	12
10	11	9.7	19	11	16	14	19	11	55	235	114	12
11	8.4	40	15	11	14	14	24	11	98	273	12	12
12	6.4	18	e14	10	14	13	33	10	252	21	7.8	12
13	6.1	10	e13	55	36	14	18	11	34	15	295	12
14	6.0	9.6	e13	14	45	12	17	10	27	13	39	12
15	5.9	9.5	e13	12	17	12	16	32	24	14	22	12
16	5.9	9.4	e12	12	16	20	15	9.8	22	14	20	12
17	5.8	9.4	e12	11	14	13	15	9.4	21	13	19	12
18	5.9	9.4	e12	11	14	10	15	9.3	20	12	21	12
19	14	12	e12	11	14	9.3	15	9.2	19	12	20	12
20	6.6	11	e12	11	44	9.2	15	155	19	12	18	12
21	6.3	83	12	11	23	9.2	29	19	19	11	21	12
22	6.2	677	27	11	16	44	17	14	19	11	18	12
23	37	66	26	10	37	10	14	13	18	11	26	11
24	18	115	e13	10	25	9.4	14	13	18	11	19	17
25	7.0	22	e12	10	e16	10	14	12	18	11	16	53
26	6.8	16	e12	10	e16	27	66	12	18	11	16	70
27	6.6	75	e11	10	e27	32	15	12	18	14	16	7.9
28	6.5	18	e12	14	e26	18	13	12	22	41	16	7.1
29	6.6	15	e12	33	---	10	13	133	18	15	215	6.8
30	6.5	49	e12	12	---	25	39	30	39	9.5	38	6.8
31	6.5	---	11	11	---	86	---	33	---	10	15	---
TOTAL	250.7	1,830.4	594	463	656	603.1	1,013	685.7	1,290	983.5	1,104.7	450.6
MEAN	8.09	61.0	19.2	14.9	23.4	19.5	33.8	22.1	43.0	31.7	35.6	15.0
MAX	37	677	91	55	56	86	308	155	252	273	295	70
MIN	5.8	6.5	11	10	12	9.2	11	9.2	16	9.5	7.8	6.8
CFSM	0.76	5.70	1.79	1.40	2.19	1.82	3.16	2.07	4.02	2.97	3.33	1.40
IN.	0.87	6.36	2.07	1.61	2.28	2.10	3.52	2.38	4.48	3.42	3.84	1.57

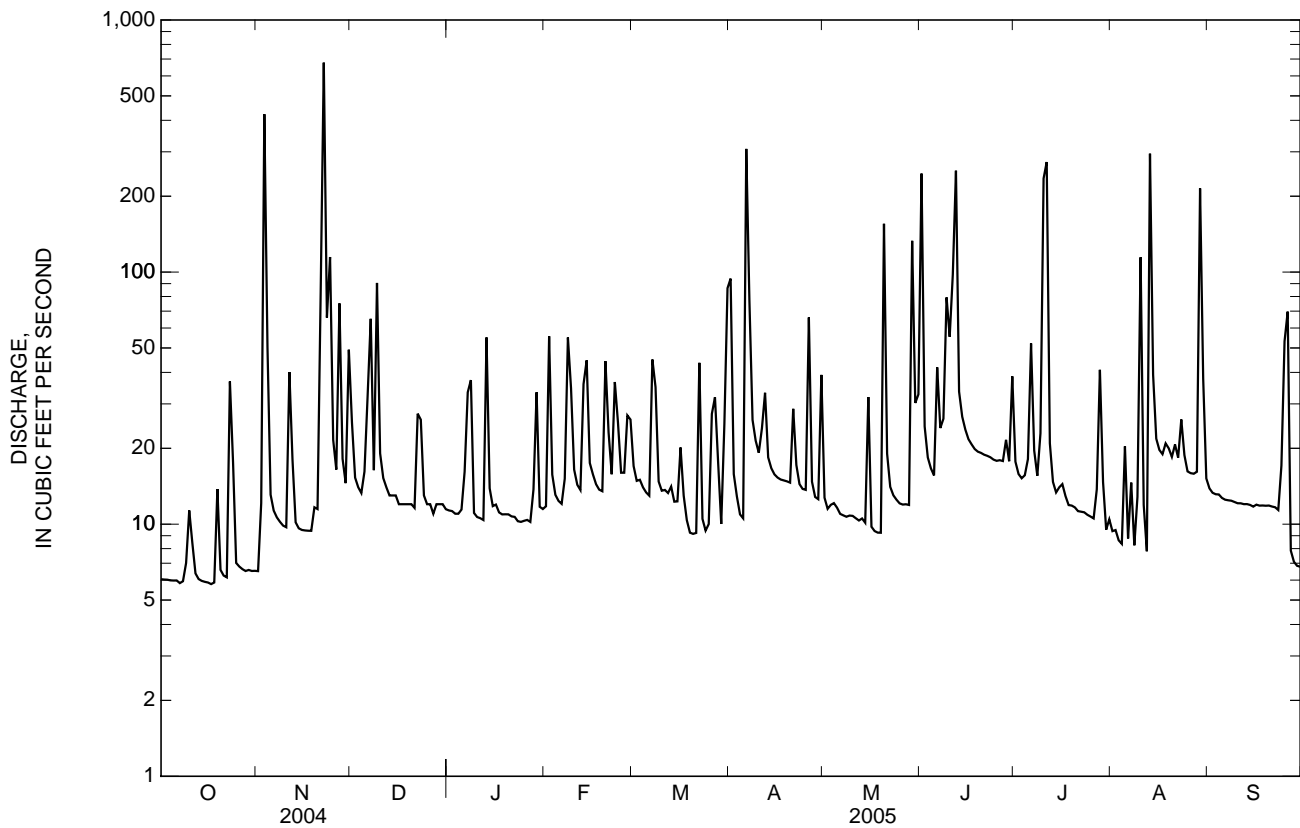
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	15.5	33.5	19.8	15.3	42.1	22.4	32.4	25.1	41.2	23.8	22.1	16.3
MAX	24.8	61.0	26.7	15.6	66.7	25.5	33.8	40.1	57.5	31.7	35.6	18.2
(WY)	(2003)	(2005)	(2003)	(2003)	(2004)	(2004)	(2005)	(2003)	(2003)	(2005)	(2005)	(2002)
MIN	8.09	18.5	13.6	14.9	23.4	19.5	31.5	13.2	23.2	14.6	10.7	15.0
(WY)	(2005)	(2004)	(2004)	(2005)	(2005)	(2005)	(2004)	(2004)	(2004)	(2004)	(2002)	(2005)

02465292 CRIBBS MILL CREEK AT WASTEWATER PLANT AT TUSCALOOSA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2002 - 2005	
ANNUAL TOTAL	9,296.3		9,924.7		25.9	
ANNUAL MEAN	25.4		27.2		28.6	
HIGHEST ANNUAL MEAN					21.9	
LOWEST ANNUAL MEAN					771	
HIGHEST DAILY MEAN	771	Feb 6	677	Nov 22	771	Feb 6, 2004
LOWEST DAILY MEAN	3.8	Sep 12	5.8	Oct 7	3.8	Sep 12, 2004
ANNUAL SEVEN-DAY MINIMUM	3.9	Sep 9	6.0	Oct 2	3.9	Sep 9, 2004
MAXIMUM PEAK FLOW			6,550	Nov 22	7,270	Feb 6, 2004
MAXIMUM PEAK STAGE			11.72	Nov 22	11.97	Feb 6, 2004
ANNUAL RUNOFF (CFSM)	2.37		2.54		2.42	
ANNUAL RUNOFF (INCHES)	32.32		34.50		32.89	
10 PERCENT EXCEEDS	38		44		43	
50 PERCENT EXCEEDS	12		14		13	
90 PERCENT EXCEEDS	6.4		8.7		8.1	

e Estimated



02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL

LOCATION.--Lat 32°59'50", long 87°37'20", in SW 1/4 sec. 6, T. 23 N., R. 5 E., Hale County, Hydrologic Unit 03160113, on downstream side of bridge on State Highway 69 at Moundville, 2.5 mi upstream from Southern Railway bridge, and 6.6 mi upstream from mouth.

DRAINAGE AREA.--32.3 mi².

PERIOD OF RECORD.--October 1976 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-00-1: 1999.

GAGE.--Water-stage recorder. Datum of gage is 147.81 ft above NGVD of 1929.

REMARKS.--Estimated daily discharge: Mar. 31, Apr. 1. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 450 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jul 11	1600	*2,000	*7.56	No other peak greater than base discharge.			

Minimum discharge, 14 ft³/s, Oct. 5, 6, gage height, 2.11 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	19	64	28	30	59	e450	98	181	29	35	45
2	15	20	57	28	46	48	258	53	247	25	35	35
3	15	40	43	28	53	45	143	41	103	25	36	31
4	15	81	38	27	41	43	92	37	59	56	32	29
5	15	54	39	27	34	42	74	35	47	49	33	28
6	15	29	58	30	31	40	103	33	40	58	32	27
7	15	23	75	32	30	63	192	32	38	109	34	27
8	15	21	68	43	54	139	134	31	46	82	36	26
9	16	20	70	36	73	114	82	30	49	41	44	26
10	18	19	90	31	60	62	67	30	39	72	46	26
11	23	32	65	29	44	53	59	29	62	1,030	69	25
12	24	44	47	28	36	48	74	28	233	523	56	25
13	21	36	41	40	36	47	72	27	190	244	40	25
14	18	27	37	55	92	54	54	26	75	156	36	25
15	17	22	34	42	169	51	48	40	52	197	31	25
16	17	21	33	32	81	54	45	41	42	240	29	57
17	18	20	32	29	62	61	41	31	37	142	27	74
18	19	20	32	28	53	51	39	27	34	89	27	41
19	19	21	31	27	48	45	38	26	31	64	27	31
20	21	25	30	27	49	43	36	42	30	54	26	28
21	22	60	30	27	61	42	36	62	28	61	26	27
22	21	109	32	27	54	46	69	41	27	48	27	26
23	21	89	54	26	78	65	54	31	26	43	28	26
24	30	193	49	25	143	63	42	27	26	39	31	26
25	30	148	36	26	101	47	36	25	25	36	38	54
26	22	63	33	26	61	45	47	24	25	33	28	245
27	20	63	31	25	58	72	61	24	26	32	26	152
28	19	72	30	26	69	76	46	23	26	45	25	50
29	19	56	30	42	---	52	37	62	26	53	48	37
30	19	47	29	42	---	46	57	103	30	42	141	33
31	19	---	29	32	---	e260	---	97	---	38	128	---
TOTAL	593	1,494	1,367	971	1,747	1,976	2,586	1,256	1,900	3,755	1,277	1,332
MEAN	19.1	49.8	44.1	31.3	62.4	63.7	86.2	40.5	63.3	121	41.2	44.4
MAX	30	193	90	55	169	260	450	103	247	1,030	141	245
MIN	15	19	29	25	30	40	36	23	25	25	25	25
CFSM	0.59	1.54	1.37	0.97	1.93	1.97	2.67	1.25	1.96	3.75	1.28	1.37
IN.	0.68	1.72	1.57	1.12	2.01	2.28	2.98	1.45	2.19	4.32	1.47	1.53

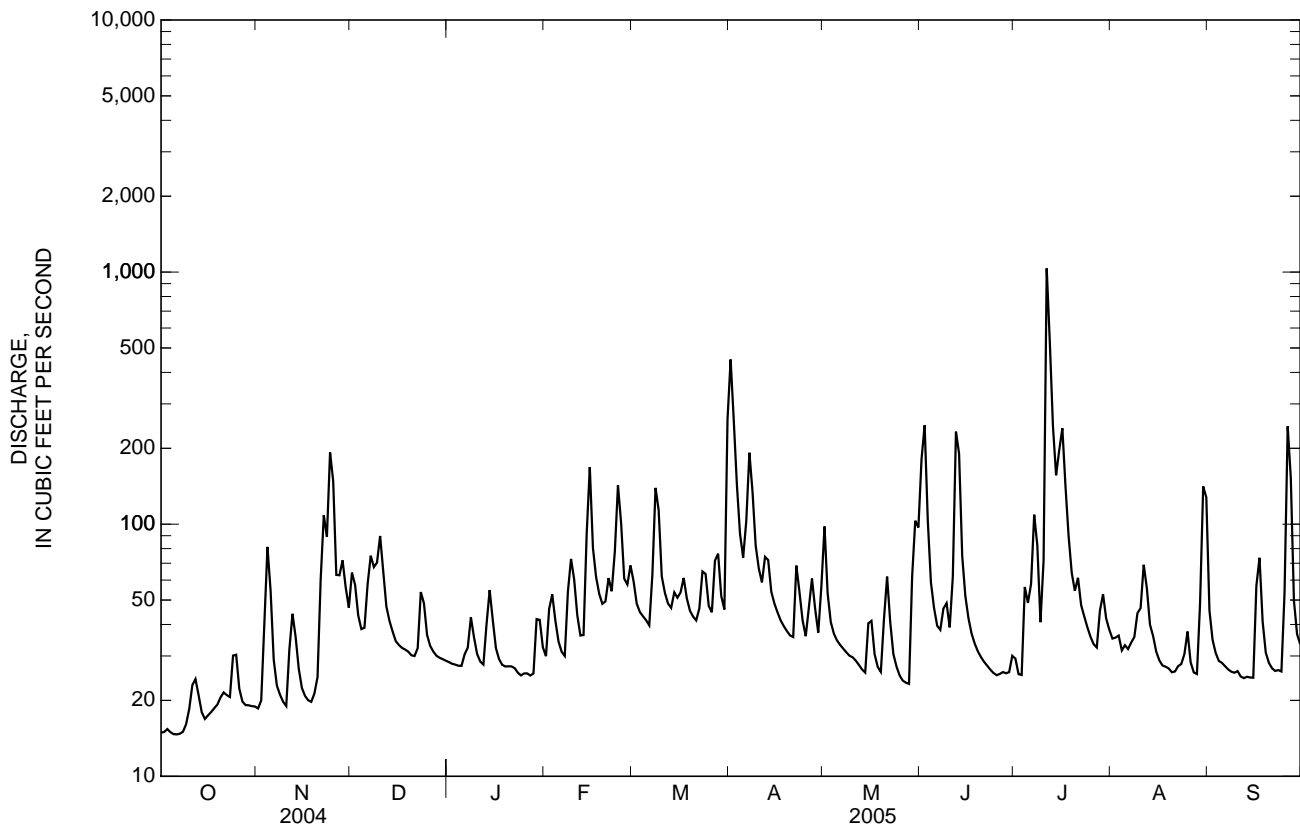
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2005, BY WATER YEAR (WY)

	MEAN	26.8	35.1	42.9	57.9	69.7	69.5	61.3	36.2	28.8	29.2	20.6	22.7
MAX	55.0	53.7	87.4	118	256	169	177	114	63.3	121	41.2	44.4	
(WY)	(1999)	(1980)	(1984)	(1998)	(1990)	(1977)	(1979)	(1983)	(2005)	(2005)	(2005)	(2005)	
MIN	14.3	18.7	20.9	25.7	22.0	20.1	19.4	12.8	7.39	11.8	8.07	11.6	
(WY)	(2001)	(1979)	(1988)	(1988)	(1988)	(1988)	(1986)	(1988)	(1988)	(2000)	(1988)	(2000)	

02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1977 - 2005	
ANNUAL TOTAL	13,018		20,254		41.6	
ANNUAL MEAN	35.6		55.5		69.3	
HIGHEST ANNUAL MEAN					16.8	
LOWEST ANNUAL MEAN					1983	
HIGHEST DAILY MEAN	604	Feb 6	1,030	Jul 11	2,670	Feb 16, 1990
LOWEST DAILY MEAN	13	Sep 11	15	Oct 1	5.8	Aug 16, 1988
ANNUAL SEVEN-DAY MINIMUM	14	Sep 7	15	Oct 1	6.3	Aug 14, 1988
MAXIMUM PEAK FLOW			2,000	Jul 11	6,200	Feb 16, 1990
MAXIMUM PEAK STAGE			7.56	Jul 11	8.80	Feb 16, 1990
ANNUAL RUNOFF (CFSM)	1.10		1.72		1.29	
ANNUAL RUNOFF (INCHES)	14.99		23.33		17.49	
10 PERCENT EXCEEDS	62		92		74	
50 PERCENT EXCEEDS	26		38		28	
90 PERCENT EXCEEDS	15		22		15	

e Estimated



02466030 BLACK WARRIOR RIVER AT SELDEN LOCK AND DAM NEAR EUTAW, AL

LOCATION.--Lat 32°46'40", long 87°50'26", in SE 1/4 sec. 24, T. 21 N., R. 2 E., Hale County, Hydrologic Unit 03160113, on left bank at dam, 1.2 mi upstream from White Creek, 5.0 mi southeast of Eutaw, and at mile 49.6.

DRAINAGE AREA.--5,810 mi².

PERIOD OF RECORD.--October 1976 to current year. Prior to October 1984, published as Black Warrior River at Warrior Lock and Dam, near Eutaw. Prior to October 1998, published at gage datum 50.00 ft above NGVD of 1929.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--Estimated daily discharges: Feb. 23, 24, 27, 28; Apr. 25, 29; June 9, 10; July 21; Aug. 5. Records good except for periods of estimated daily discharge which are fair. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02451950), by Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, Holt Lock and Dam on Black Warrior River, usable capacity, 115,000 acre-ft, and lock and dam at gage.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 68,200 ft³/s, Nov. 25; minimum discharge, 767 ft³/s, Oct. 11.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,390	2,590	25,300	9,970	7,410	16,000	40,700	13,600	17,500	5,610	6,280	6,590
2	1,430	4,690	31,800	5,710	7,590	17,000	52,300	13,700	36,200	4,000	7,040	6,300
3	934	6,930	28,500	6,940	12,400	16,200	54,000	10,800	34,900	2,950	5,580	5,560
4	985	21,000	23,800	9,420	13,200	13,300	41,300	6,180	21,100	1,890	4,920	2,900
5	974	31,300	21,700	8,310	11,100	11,400	27,400	4,350	12,000	4,840	e6,720	2,260
6	2,360	27,900	20,600	8,490	8,810	10,300	19,800	5,750	7,430	7,160	5,230	2,960
7	933	15,200	21,600	10,400	7,360	8,000	33,400	2,150	11,400	8,530	4,190	4,000
8	948	10,300	37,100	10,600	8,300	17,200	48,200	4,350	14,400	7,700	6,530	3,730
9	984	9,250	44,700	10,200	13,500	18,800	53,300	1,920	e11,600	9,800	6,160	2,980
10	2,570	8,260	51,400	11,200	15,900	17,000	44,900	2,540	e11,500	14,000	6,170	3,400
11	3,280	4,120	56,400	11,100	12,500	12,100	35,700	5,170	16,800	32,000	8,490	1,160
12	4,620	9,420	47,800	10,600	12,900	8,280	27,600	4,010	32,200	47,800	8,220	1,690
13	1,920	11,400	45,000	12,900	10,700	9,070	25,500	5,040	47,000	39,000	7,200	3,860
14	951	10,300	35,100	15,400	12,200	9,150	19,600	2,900	44,200	27,600	6,390	2,960
15	2,140	9,070	26,700	15,700	15,000	9,830	18,500	1,790	31,400	25,400	2,880	3,690
16	4,270	5,110	23,300	13,700	11,900	9,490	16,000	2,920	20,100	27,400	5,410	3,550
17	1,260	4,660	21,200	8,560	9,810	7,020	15,600	7,540	13,900	22,300	4,330	3,550
18	1,010	5,780	18,600	10,700	9,270	8,740	12,100	1,860	10,300	16,300	5,500	1,770
19	1,150	7,880	18,200	10,700	9,770	7,980	9,370	1,160	5,790	12,100	3,470	1,630
20	5,330	7,270	15,900	10,700	6,990	6,670	7,040	1,320	2,800	9,220	4,710	4,330
21	11,700	9,010	14,900	9,980	8,550	6,710	7,930	9,150	7,520	e8,710	3,440	2,660
22	7,310	14,600	13,500	9,040	8,840	8,180	6,540	1,660	5,940	8,230	3,080	3,360
23	3,410	36,200	15,000	5,630	e13,000	14,200	6,980	4,050	6,120	7,640	5,060	2,590
24	3,360	47,800	16,900	5,490	e16,200	17,700	6,300	6,090	6,550	6,840	4,590	3,120
25	5,240	63,300	16,600	8,390	17,900	17,300	e4,880	2,950	5,210	4,320	4,530	1,300
26	3,800	62,400	14,000	9,770	15,200	12,900	7,340	1,520	2,640	6,690	3,630	11,200
27	3,470	62,900	14,100	9,200	e13,000	14,800	9,270	1,180	4,210	5,060	4,140	15,900
28	1,080	54,900	13,000	9,340	e14,900	13,800	5,260	3,840	4,420	5,390	3,210	11,200
29	2,030	42,400	12,900	9,960	---	13,500	e6,490	2,510	4,380	7,310	5,610	9,310
30	3,310	29,500	12,300	9,540	---	11,000	9,160	7,940	5,490	10,600	5,760	6,340
31	2,760	---	12,800	7,870	---	19,200	---	6,470	---	6,960	5,830	---
TOTAL	87,909	635,440	770,700	305,510	324,200	382,820	672,460	146,410	455,000	403,350	164,300	135,850
MEAN	2,836	21,180	24,860	9,855	11,580	12,350	22,420	4,723	15,170	13,010	5,300	4,528
MAX	11,700	63,300	56,400	15,700	17,900	19,200	54,000	13,700	47,000	47,800	8,490	15,900
MIN	933	2,590	12,300	5,490	6,990	6,670	4,880	1,160	2,640	1,890	2,880	1,160
CFSM	0.49	3.65	4.28	1.70	1.99	2.13	3.86	0.81	2.61	2.24	0.91	0.78
IN.	0.56	4.07	4.93	1.96	2.08	2.45	4.31	0.94	2.91	2.58	1.05	0.87

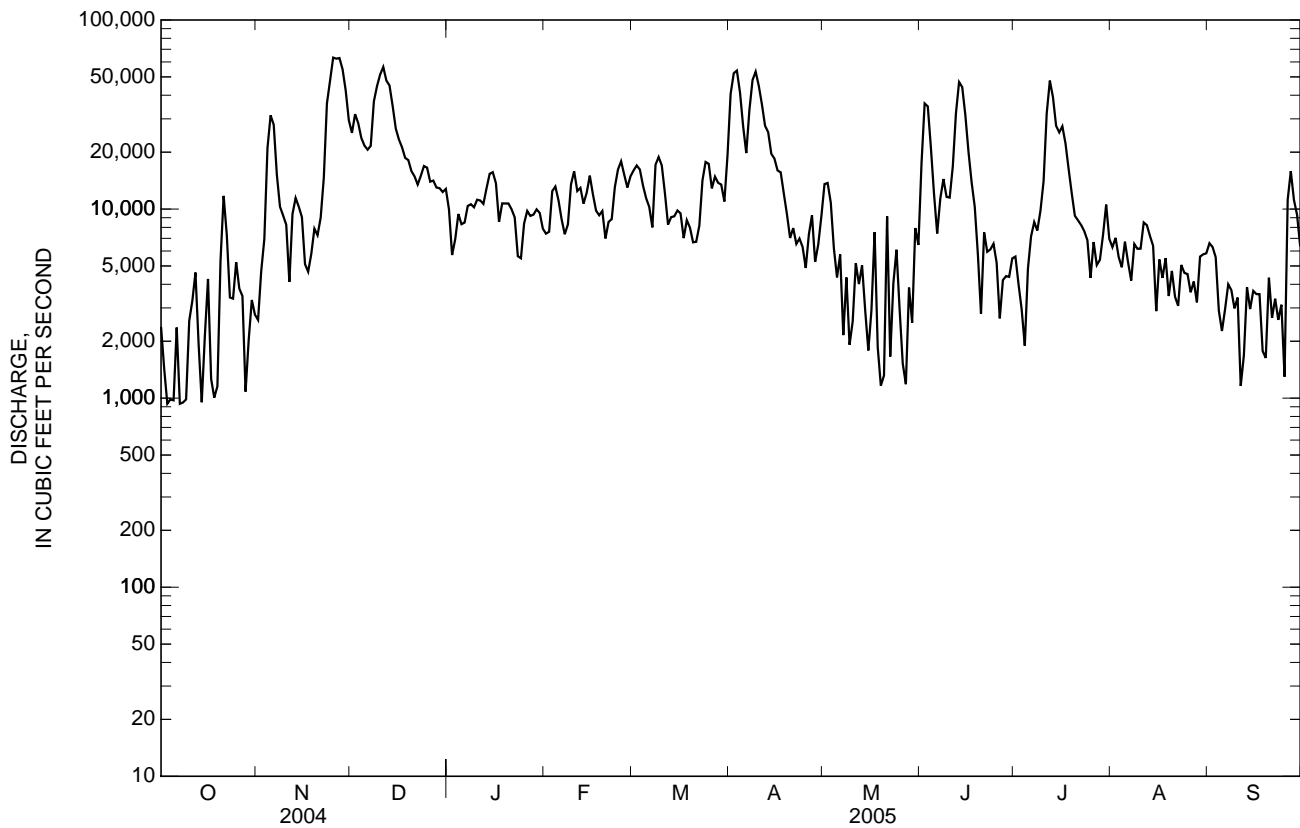
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1977 - 2005, BY WATER YEAR (WY)

MEAN	3,462	6,427	10,990	15,740	17,910	20,410	16,560	9,349	6,178	5,281	3,369	3,546
MAX	14,570	21,180	32,860	33,170	53,820	58,420	53,430	39,410	24,990	19,450	6,184	10,410
(WY)	(1978)	(2005)	(1984)	(1998)	(1990)	(1980)	(1979)	(1991)	(1997)	(1989)	(1985)	(2001)
MIN	576	924	2,483	3,101	4,498	4,289	1,760	1,407	1,520	1,854	1,802	1,654
(WY)	(1988)	(1982)	(2000)	(1981)	(2000)	(1988)	(1986)	(1988)	(1988)	(2000)	(2000)	(1984)

02466030 BLACK WARRIOR RIVER AT SELDEN LOCK AND DAM NEAR EUTAW, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1977 - 2005	
ANNUAL TOTAL	3,969,841		4,483,949		9,895	
ANNUAL MEAN	10,850		12,280		14,990	
HIGHEST ANNUAL MEAN					3,644	
LOWEST ANNUAL MEAN					222,000	
HIGHEST DAILY MEAN	71,000	Feb 9	63,300	Nov 25	222,000	Apr 16, 1979
LOWEST DAILY MEAN	933	Oct 7	933	Oct 7	317	Sep 24, 1982
ANNUAL SEVEN-DAY MINIMUM	1,160	Oct 3	1,160	Oct 3	456	Oct 13, 2000
MAXIMUM PEAK FLOW			68,200	Nov 25	222,000	Apr 16, 1979
MAXIMUM PEAK STAGE			97.90	Nov 27	108.87	Apr 16, 1979
ANNUAL RUNOFF (CFSM)	1.87		2.11		1.70	
ANNUAL RUNOFF (INCHES)	25.42		28.71		23.14	
10 PERCENT EXCEEDS	26,800		28,100		22,900	
50 PERCENT EXCEEDS	5,920		8,530		5,360	
90 PERCENT EXCEEDS	2,050		2,580		1,130	

e Estimated



02466031 BLACK WARRIOR RIVER BELOW SELDEN LOCK AND DAM NEAR EUTAW, AL

LOCATION.--Lat 32°46'38", long 87°50'29", in SE $\frac{1}{4}$ sec. 24, T. 21 N., R. 2 E., Hale County, Hydrologic Unit 03160112, on downstream left side of dam, 5 mi east of Eutaw, and at mile 49.5.

DRAINAGE AREA.--5,810 mi².

PERIOD OF RECORD.--October 1999 to current year (gage heights only). Prior to October 1999, gage height records published for 02466040 Black Warrior River below Selden Lock near Sawyerville located at mile 43.8 about 5.7 mi downstream. (See annual data reports prior to water year 2000.)

GAGE.--Water-stage recorder. Datum of gage is at NGVD of 1929 (levels by U.S. Army Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 103.50 ft, Apr. 7, 2000; minimum gage height, 73.47 ft, Oct. 17, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 97.48 ft, Nov. 27; minimum elevation, 73.74 ft, Oct. 5.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	74.22	74.79	85.38	77.68	76.67	80.73	89.18	78.77	80.62	75.12	75.78	78.99
2	74.03	75.20	86.54	76.12	77.43	80.88	92.96	78.87	86.24	74.69	75.74	78.31
3	73.98	76.15	86.09	76.10	79.59	80.42	93.65	77.77	86.92	74.37	75.25	77.49
4	73.98	81.29	84.28	76.80	79.95	79.35	90.96	76.13	82.56	74.25	75.14	76.82
5	73.84	85.01	83.27	76.65	78.95	78.39	85.60	75.44	78.77	74.88	---	76.10
6	74.04	84.22	82.64	76.84	77.91	77.90	82.25	75.38	76.75	76.06	75.21	75.40
7	73.94	80.14	82.59	77.29	77.09	77.04	86.07	74.79	77.43	76.90	74.88	75.35
8	73.83	77.64	87.43	78.03	77.35	80.45	91.52	74.94	78.62	76.46	75.26	75.06
9	73.98	76.89	90.84	78.78	79.72	81.58	93.65	74.68	---	76.71	75.42	74.64
10	74.46	76.52	93.22	79.15	80.79	80.95	92.73	74.51	---	78.14	75.42	74.79
11	74.62	75.40	95.35	78.71	79.52	79.17	89.64	75.12	79.95	85.92	75.96	74.08
12	75.10	76.99	95.92	78.63	79.15	77.60	86.32	74.97	86.13	91.60	76.07	74.12
13	75.14	77.80	93.99	79.15	78.33	77.54	84.82	74.92	91.23	90.48	75.74	74.52
14	74.58	77.19	90.90	80.44	79.26	77.95	82.99	74.73	91.68	86.17	75.42	74.44
15	74.56	76.86	87.89	81.01	80.38	78.35	82.00	74.69	88.36	84.23	74.55	74.64
16	74.94	75.53	85.39	80.38	79.21	78.31	80.72	75.08	83.87	84.64	74.90	74.50
17	74.31	75.24	83.10	78.43	78.24	77.17	80.22	75.82	80.28	83.09	74.89	74.69
18	74.16	75.46	81.63	78.70	77.67	77.24	78.84	74.69	78.28	80.91	74.97	74.29
19	74.04	76.07	80.86	78.29	77.69	76.95	77.63	74.20	76.20	78.96	74.57	74.25
20	75.80	76.10	80.03	78.04	76.68	76.44	76.72	74.34	75.17	77.72	74.68	74.54
21	78.06	76.72	79.49	77.74	77.23	76.37	76.64	76.10	75.99	77.56	74.59	74.31
22	77.09	79.28	78.95	77.26	78.14	76.85	76.52	74.59	75.57	76.94	74.31	74.33
23	75.88	85.58	79.56	76.31	78.66	79.26	76.63	74.78	75.50	76.48	74.86	74.34
24	76.43	90.82	80.47	75.76	---	80.67	76.32	75.31	75.59	76.00	74.75	74.38
25	77.19	94.51	80.69	76.72	81.59	80.71	---	74.69	75.10	75.29	74.77	74.18
26	76.19	96.54	79.55	77.19	80.69	79.01	76.18	74.10	74.54	75.57	74.59	78.00
27	75.81	97.36	79.56	77.13	---	79.68	76.89	73.96	74.72	75.07	74.53	80.62
28	74.83	96.51	79.02	77.04	80.03	79.49	76.45	74.38	74.85	75.09	74.51	79.40
29	74.95	93.53	78.77	77.40	---	79.05	---	74.58	74.90	75.95	75.04	78.04
30	75.18	88.60	78.42	77.40	---	78.06	76.88	76.46	75.13	77.15	76.48	77.17
31	75.08	---	78.56	76.76	---	81.29	---	76.29	---	76.20	78.22	---
MEAN	74.98	81.66	84.21	77.80	---	78.87	---	75.33	---	78.66	---	75.73
MAX	78.06	97.36	95.92	81.01	---	81.58	---	78.87	---	91.60	---	80.62
MIN	73.83	74.79	78.42	75.76	---	76.37	---	73.96	---	74.25	---	74.08

02467000 TOBIGBEE RIVER AT DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL

LOCATION.--Lat 32°31'10", long 87°52'42", in NW ¼ sec. 22, T. 18 N., R. 2 E., Marengo County, Hydrologic Unit 03160201, on left bank 100 ft upstream from lock and dam, 0.5 mi downstream from Foscue Creek, 2.5 mi west of Demopolis, 3.5 mi upstream from Hall Creek, 13 mi east of Coatopa, and at mile 171.2.

DRAINAGE AREA.--15,385 mi².

PERIOD OF RECORD.--August 1928 to current year. Published as "near Coatopa" 1928-55.

REVISED RECORDS.--WSP 782: 1934. WSP 952: 1941. WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929 (levels by U.S. Army Corps of Engineers). Gage-height records published prior to Oct. 1, 1997 are at datum 56.00 ft above NGVD of 1929. Prior to Oct. 31, 1939, nonrecording gage, and Nov. 1, 1939, to Sept. 30, 1955, water-stage recorder at site 11.6 mi downstream at datum 26.70 ft lower.

REMARKS.--Estimated daily discharge: Mar. 31, Apr. 1, 6, 7. Records good except those below 2,000 ft³/s, which are poor. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02551950), Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, Holt Lock and Dam on Black Warrior River, usable capacity, 115,000 acre-ft, and lock at gage. Diversion through lock valves included in figures of discharge. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 181,000 ft³/s, Dec. 13, gage height, 82.08 ft; minimum discharge, 777 ft³/s, Oct. 8, gage height, 73.43 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4,080	8,710	93,200	22,200	19,700	54,000	e84,500	29,800	49,000	7,980	14,400	70,400
2	3,320	9,940	95,900	17,200	31,100	48,700	95,200	28,400	67,400	6,700	12,900	55,000
3	2,940	17,800	92,800	14,800	51,500	44,100	93,000	25,300	67,800	5,000	10,100	42,900
4	2,930	46,600	78,500	16,300	52,000	36,900	81,200	18,300	53,700	4,480	9,720	37,000
5	2,300	56,000	71,300	16,600	41,900	30,200	60,800	12,800	34,300	6,820	9,320	25,200
6	2,800	47,600	60,000	17,800	33,200	26,600	e53,200	10,200	22,400	16,700	10,300	15,800
7	2,680	36,100	66,200	17,500	26,500	22,900	e56,500	9,350	18,500	21,700	8,270	13,600
8	2,060	23,600	98,600	30,200	29,400	41,800	123,000	7,900	22,200	18,200	8,220	10,400
9	3,020	17,700	126,000	48,400	50,400	50,900	134,000	8,060	27,800	15,900	10,800	7,570
10	4,880	15,800	145,000	47,400	54,900	45,900	134,000	6,390	25,900	21,000	10,400	7,900
11	5,240	12,500	158,000	39,700	44,800	38,700	120,000	8,510	32,900	74,600	10,900	3,780
12	9,380	19,500	170,000	39,500	35,200	28,800	97,100	8,820	84,800	107,000	13,400	3,350
13	13,300	21,900	177,000	37,800	30,300	24,900	88,900	6,990	123,000	109,000	11,600	4,900
14	7,930	18,400	176,000	55,900	39,500	25,900	84,200	8,040	139,000	90,400	9,750	5,440
15	6,160	17,600	152,000	67,200	48,400	27,900	68,700	8,990	130,000	68,900	6,410	6,040
16	7,740	12,300	101,000	57,800	40,900	29,000	54,300	11,200	93,800	67,500	6,710	5,110
17	5,370	10,300	64,500	45,400	34,000	26,400	43,000	11,900	56,800	59,700	7,600	6,420
18	4,220	9,960	47,800	39,100	26,900	23,500	35,600	8,800	35,800	50,300	7,000	5,380
19	3,460	12,000	37,100	31,700	25,200	21,800	28,600	4,640	20,500	37,400	6,150	4,520
20	17,000	13,700	32,100	27,200	21,400	19,400	23,800	5,210	11,900	29,700	5,700	4,940
21	29,400	18,100	29,300	25,000	26,300	19,000	19,700	11,300	14,000	25,700	6,740	4,940
22	28,200	36,900	27,300	22,700	40,100	20,600	17,400	7,720	12,300	22,100	3,610	4,200
23	20,900	59,900	31,700	20,300	37,700	34,300	17,800	6,420	11,200	18,300	7,080	5,140
24	29,200	90,100	45,000	13,800	50,600	41,400	16,500	8,930	11,000	15,000	6,070	4,210
25	36,500	119,000	43,300	16,900	61,100	38,500	12,500	7,400	8,800	11,900	6,630	4,100
26	24,500	137,000	37,800	18,700	53,800	31,600	15,700	3,710	6,650	10,400	5,690	33,400
27	19,900	143,000	37,000	19,800	44,900	34,000	19,300	2,920	6,520	8,440	5,060	61,900
28	10,800	147,000	30,900	17,800	45,400	34,900	17,300	4,260	6,910	8,320	5,880	53,000
29	10,700	144,000	26,700	20,000	---	30,000	14,000	6,640	6,670	13,200	6,330	40,700
30	12,000	120,000	24,800	22,300	---	25,800	19,400	18,300	8,560	18,300	28,200	35,500
31	11,400	---	23,600	19,900	---	e39,000	---	19,400	---	17,200	57,900	---
TOTAL	344,310	1,443,010	2,400,400	906,900	1,097,100	1,017,400	1,729,200	336,600	1,210,110	987,840	328,840	582,740
MEAN	11,110	48,100	77,430	29,250	39,180	32,820	57,640	10,860	40,340	31,870	10,610	19,420
MAX	36,500	147,000	177,000	67,200	61,100	54,000	134,000	29,800	139,000	109,000	57,900	70,400
MIN	2,060	8,710	23,600	13,800	19,700	19,000	12,500	2,920	6,520	4,480	3,610	3,350
CFSM	0.72	3.13	5.03	1.90	2.55	2.13	3.75	0.71	2.62	2.07	0.69	1.26
IN.	0.83	3.49	5.80	2.19	2.65	2.46	4.18	0.81	2.93	2.39	0.80	1.41

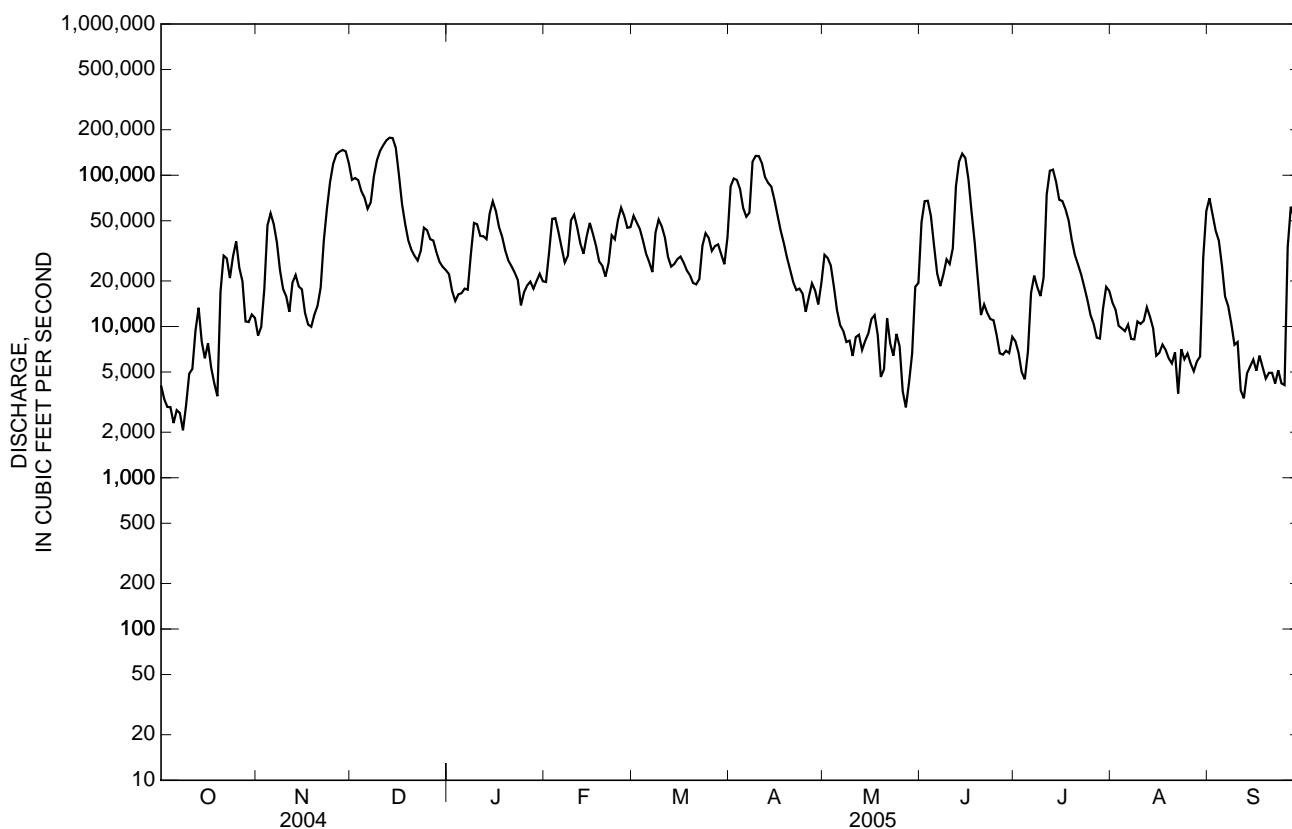
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1928 - 2005, BY WATER YEAR (WY)

MEAN	6,371	12,250	26,440	41,530	48,590	52,380	44,670	23,700	12,220	10,320	6,220	6,019
MAX	52,420	77,380	94,200	111,800	133,200	117,200	125,700	138,300	66,540	65,730	19,270	32,340
(WY)	(1933)	(1930)	(1962)	(1949)	(1990)	(1980)	(1979)	(1991)	(1997)	(1940)	(1967)	(1950)
MIN	804	1,499	2,992	3,296	10,600	12,810	4,772	3,714	1,838	1,414	763	800
(WY)	(1956)	(1932)	(1944)	(1956)	(2000)	(1988)	(1986)	(1988)	(1941)	(1954)	(1954)	(1954)

02467000 TOMBIGBEE RIVER AT DEMOPOLIS LOCK AND DAM NEAR COATOPA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1928 - 2005	
ANNUAL TOTAL	11,763,660		12,384,450		24,100	
ANNUAL MEAN	32,140		33,930		46,570	
HIGHEST ANNUAL MEAN					9,055	
LOWEST ANNUAL MEAN					338,000	
HIGHEST DAILY MEAN	197,000	Feb 10	177,000	Dec 13	338,000	Apr 18, 1979
LOWEST DAILY MEAN	2,060	Oct 8	2,060	Oct 8	50	Aug 1, 1954
ANNUAL SEVEN-DAY MINIMUM	2,680	Oct 3	2,680	Oct 3	51	Jul 31, 1954
MAXIMUM PEAK FLOW			181,000	Dec 13	343,000	Apr 18, 1979
MAXIMUM PEAK STAGE			82.08	Dec 13	93.03	Apr 18, 1979
ANNUAL RUNOFF (CFSM)	2.09		2.21		1.57	
ANNUAL RUNOFF (INCHES)	28.44		29.94		21.28	
10 PERCENT EXCEEDS	86,300		84,300		67,100	
50 PERCENT EXCEEDS	17,700		22,200		10,600	
90 PERCENT EXCEEDS	5,160		5,590		2,320	

e Estimated



LOCATION.--Lat 32°31'15", long 87°52'48", in NW ¼ sec. 22, T. 18 N., R. 2 E., Marengo County, Hydrologic Unit 03160201, on left bank at downstream end of lock and dam, 0.6 mi downstream from Foscue Creek, 2.5 mi west of Demopolis, 3.4 mi upstream from Hall Creek, 13 mi east of Coatopa, and at mile 171.1.

PERIOD OF RECORD.--July 1951 to September 1983, October 1984 to September 2002 (gage heights only). October 1971 to September 1983, October 1984 to current year in reports of Geological Survey. July 1951 to September 1971 in files of U.S. Army Corps of Engineers.

REMARKS.--Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 78.26 ft, Dec. 14; minimum elevation, 32.67 ft, May 27.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	33.42	35.65	68.24	41.38	41.09	52.07	---	44.01	47.73	35.04	38.15	56.13
2	33.20	35.53	66.51	39.82	45.68	51.23	66.07	44.02	55.19	34.64	37.17	54.33
3	33.08	38.27	65.47	38.42	52.91	49.51	66.60	42.47	56.55	34.03	36.33	50.34
4	33.12	49.36	62.48	38.60	54.33	47.32	64.55	40.30	54.03	33.71	35.85	47.98
5	33.07	53.74	59.76	38.92	51.57	44.82	---	37.86	48.21	34.51	35.58	44.00
6	33.04	52.37	56.61	39.42	47.98	43.25	---	36.31	42.57	37.12	35.99	39.42
7	33.14	48.61	56.05	39.22	44.57	41.80	58.20	35.77	39.51	40.91	35.31	37.49
8	32.94	43.39	61.87	42.60	43.80	46.60	66.31	35.06	40.44	39.96	35.06	36.22
9	33.23	39.92	67.64	48.97	50.12	51.22	70.56	35.30	42.48	38.46	36.00	35.06
10	33.67	38.47	72.33	50.49	54.45	50.50	71.98	34.43	42.76	39.31	36.00	34.98
11	33.65	37.40	74.99	48.21	52.70	48.35	71.04	35.21	43.94	55.18	36.04	33.68
12	34.98	39.34	76.72	47.57	48.74	45.01	68.42	35.39	58.80	65.91	36.97	33.28
13	36.90	41.39	77.79	46.88	45.80	42.76	65.97	34.79	68.40	68.52	36.77	33.58
14	35.41	40.09	78.06	51.67	47.27	42.36	64.34	34.90	72.22	66.40	35.95	34.01
15	34.20	39.52	76.84	55.63	51.43	43.09	60.88	35.23	72.51	62.18	34.80	34.28
16	34.70	37.52	72.08	54.54	50.22	43.50	56.52	36.16	68.59	60.22	34.33	33.91
17	34.14	36.23	65.19	50.90	47.29	43.48	51.67	36.26	61.81	57.81	34.92	34.26
18	33.50	35.92	58.82	47.99	44.33	42.33	47.57	35.78	53.80	54.51	34.50	33.98
19	33.36	36.46	52.73	45.44	42.86	41.47	44.37	33.76	44.90	---	34.37	33.45
20	37.40	37.40	47.77	43.45	41.46	40.40	42.26	33.95	38.49	---	33.98	33.66
21	42.62	38.16	44.62	42.55	42.17	39.98	40.47	35.73	37.54	43.27	34.37	33.71
22	43.01	45.15	43.42	41.53	46.60	40.29	39.41	35.46	37.26	41.40	33.54	33.37
23	41.03	51.56	44.23	40.77	47.01	44.90	39.39	34.45	36.38	39.90	34.37	33.83
24	43.02	59.67	48.14	38.26	50.69	48.15	38.84	35.10	36.46	38.44	34.30	33.60
25	47.45	66.76	49.09	38.80	54.28	47.65	37.54	34.86	35.59	37.18	34.25	33.72
26	44.70	70.83	47.27	39.62	53.36	45.47	38.07	33.44	34.64	36.20	34.24	42.04
27	41.34	72.69	46.71	40.01	---	46.51	39.78	32.98	34.32	35.54	33.71	52.66
28	37.58	73.94	44.98	39.41	49.97	48.37	39.72	33.43	34.70	35.24	34.03	53.11
29	36.17	74.25	43.32	40.04	---	46.06	38.17	34.06	34.49	36.65	34.32	49.11
30	36.60	72.19	42.23	41.20	---	43.56	39.49	38.10	35.09	38.94	40.77	46.61
31	36.54	---	41.89	40.62	---	---	---	39.40	---	38.93	50.93	---
MEAN	36.46	48.06	58.51	43.64	---	---	---	36.26	46.98	---	35.90	39.53
MAX	47.45	74.25	78.06	55.63	---	---	---	44.02	72.51	---	50.93	56.13
MIN	32.94	35.53	41.89	38.26	---	---	---	32.98	34.32	---	33.54	33.28
CAL YR	2004	MEAN 43.44	MAX 79.77	MIN 32.94								

02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL

LOCATION.--Lat 32°34'25", long 88°11'36", in SW 1/4 sec. 33, T. 19 N., R. 2 W., Sumter County, Hydrologic Unit 03160202, on right bank 10 ft downstream from bridge on U.S. Highway 11, 500 ft upstream from Southern Railway bridge, 0.8 mi southwest of Livingston, and 9 mi upstream from Alamuchee Creek.

DRAINAGE AREA.--607 mi².

PERIOD OF RECORD.--October 1938 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 90.04 ft above NGVD of 1929. Prior to Jan. 12, 1939, nonrecording gage at same site and datum.

REMARKS.--No estimated daily discharge. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 3	1630	6,490	20.64	Jun 15	2100	*7,070	*21.39
Apr 10	1630	5,620	19.34	Jul 11	0330	5,470	19.08

Minimum discharge, 161 ft³/s, Oct. 3, 4, 9, gage height, 2.25 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

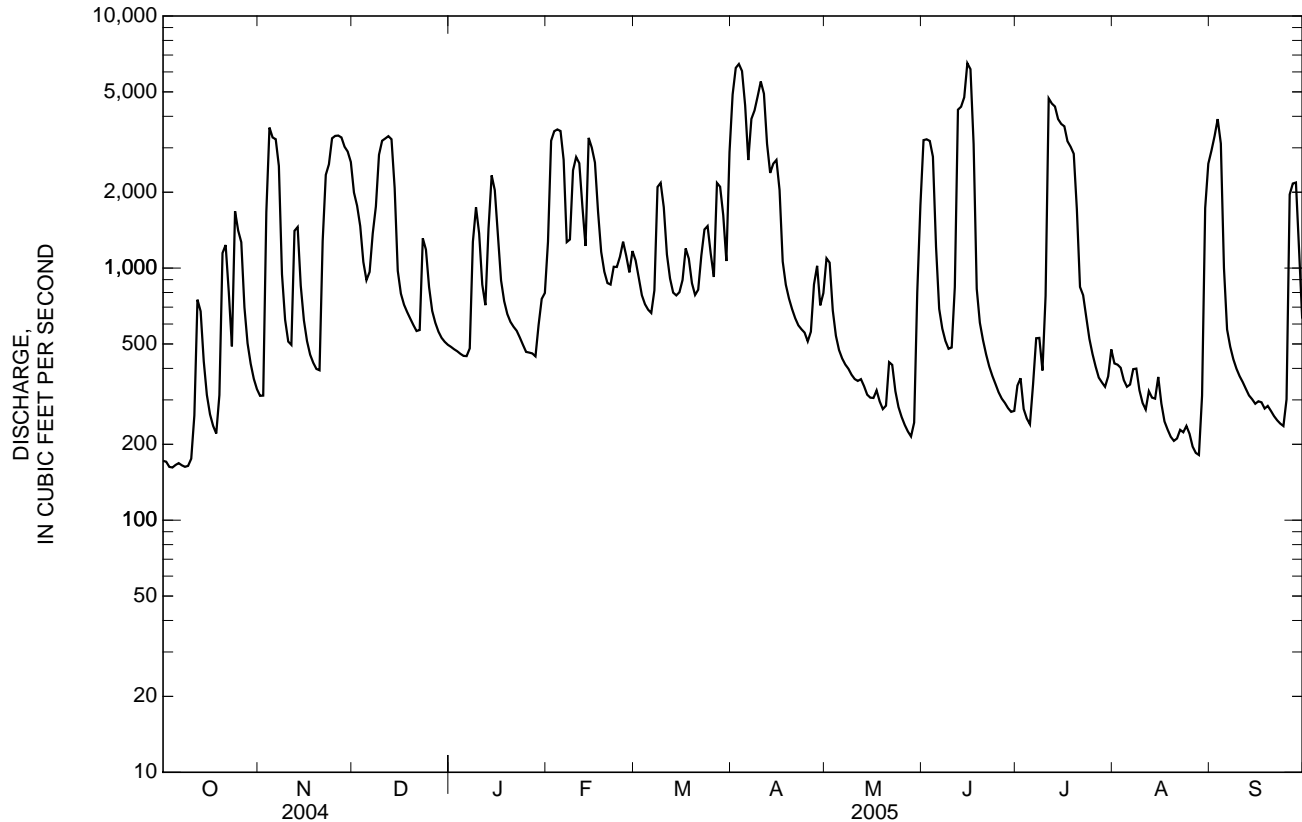
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	172	311	1,990	487	1,270	1,070	4,880	1,090	3,220	342	418	2,920
2	171	312	1,770	477	3,200	917	6,230	1,050	3,240	366	414	3,340
3	163	1,670	1,470	468	3,490	780	6,450	679	3,190	276	402	3,900
4	162	3,610	1,060	457	3,550	719	6,050	539	2,770	253	359	3,120
5	166	3,300	896	448	3,500	684	4,410	473	1,210	240	338	1,000
6	168	3,250	965	448	2,690	664	2,680	438	689	345	345	571
7	165	2,540	1,370	480	1,270	816	3,910	414	575	527	397	488
8	163	945	1,760	1,270	1,300	2,100	4,220	399	514	528	399	435
9	164	624	2,820	1,740	2,440	2,180	4,800	378	478	392	328	399
10	175	511	3,200	1,370	2,760	1,740	5,500	363	484	775	292	373
11	260	496	3,270	860	2,610	1,130	4,920	357	840	4,710	275	353
12	749	1,410	3,340	713	1,750	909	3,110	363	4,250	4,490	325	332
13	674	1,460	3,240	1,440	1,220	799	2,380	340	4,370	4,370	306	313
14	427	851	2,080	2,330	3,290	779	2,600	315	4,760	3,900	303	302
15	314	621	975	2,040	3,000	802	2,680	306	6,490	3,730	370	290
16	263	513	792	1,350	2,620	897	2,040	305	6,150	3,650	290	296
17	237	454	716	895	1,670	1,200	1,060	327	3,110	3,190	246	293
18	221	421	669	739	1,160	1,090	859	296	828	3,030	229	277
19	314	398	630	657	968	871	758	276	607	2,840	214	284
20	1,150	393	594	612	872	782	687	285	518	1,710	206	271
21	1,230	1,280	563	585	860	821	633	423	455	842	211	259
22	803	2,340	568	564	1,010	1,120	593	413	407	781	228	249
23	489	2,580	1,310	530	1,010	1,420	572	325	373	639	223	242
24	1,680	3,270	1,180	496	1,110	1,470	555	281	347	524	236	236
25	1,410	3,340	841	465	1,270	1,140	512	257	322	456	220	301
26	1,270	3,350	676	462	1,120	922	559	239	304	407	196	1,960
27	699	3,300	607	459	962	2,180	861	225	292	368	185	2,160
28	503	3,030	560	447	1,170	2,100	1,020	215	278	352	181	2,180
29	418	2,900	529	595	---	1,620	711	244	269	338	312	1,180
30	364	2,640	510	755	---	1,070	796	802	271	372	1,730	630
31	331	---	496	797	---	2,880	---	1,780	---	476	2,590	---
TOTAL	15,475	52,120	41,447	25,436	53,142	37,672	77,036	14,197	51,611	45,219	12,768	28,954
MEAN	499	1,737	1,337	821	1,898	1,215	2,568	458	1,720	1,459	412	965
MAX	1,680	3,610	3,340	2,330	3,550	2,880	6,450	1,780	6,490	4,710	2,590	3,900
MIN	162	311	496	447	860	664	512	215	269	240	181	236
CFSM	0.82	2.86	2.20	1.35	3.13	2.00	4.23	0.75	2.83	2.40	0.68	1.59
IN.	0.95	3.19	2.54	1.56	3.26	2.31	4.72	0.87	3.16	2.77	0.78	1.77

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1939 - 2005, BY WATER YEAR (WY)

MEAN	257	463	845	1,310	1,714	1,760	1,594	776	444	444	279	256
MAX	1,020	2,259	4,077	4,411	5,406	4,376	6,244	4,968	1,720	2,455	1,240	1,391
(WY)	(2002)	(1949)	(1962)	(1998)	(1990)	(1980)	(1979)	(1991)	(2005)	(1940)	(1946)	(1979)
MIN	62.7	86.8	143	175	222	414	218	139	90.2	75.8	68.1	55.1
(WY)	(1955)	(1955)	(1955)	(1956)	(2000)	(1967)	(1986)	(2000)	(1988)	(2000)	(1954)	(1954)

02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1939 - 2005	
ANNUAL TOTAL	374,169		455,077		840	
ANNUAL MEAN	1,022		1,247		1,848	
HIGHEST ANNUAL MEAN					250	
LOWEST ANNUAL MEAN					1983	
HIGHEST DAILY MEAN	13,900	Feb 8	6,490	Jun 15	55,900	Apr 14, 1979
LOWEST DAILY MEAN	155	Sep 13	162	Oct 4	48	Sep 7, 2000
ANNUAL SEVEN-DAY MINIMUM	162	Sep 9	164	Oct 3	50	Sep 2, 2000
MAXIMUM PEAK FLOW			7,070	Jun 15	62,200	Apr 14, 1979
MAXIMUM PEAK STAGE			21.39	Jun 15	33.47	Apr 14, 1979
ANNUAL RUNOFF (CFSM)	1.68		2.05		1.38	
ANNUAL RUNOFF (INCHES)	22.93		27.89		18.81	
10 PERCENT EXCEEDS	2,780		3,240		2,230	
50 PERCENT EXCEEDS	531		687		349	
90 PERCENT EXCEEDS	193		262		120	



LOCATION.--Lat 32°07'48", long 88°02'28", in NW ¼ sec. 2, T. 13 N., R. 1 W., Choctaw-Marengo County line, Hydrologic Unit 03160201, on right bank pier at bridge on State Highway 10, 4 mi west of Nanafalia, 11 mi east of Butler, and at mile 122.6.

PERIOD OF RECORD.--October 1956 to November 1986, May 1990 to current year (elevations only). May 1990 to current year in reports of Geological Survey. October 1956 to November 1986 in files of U.S. Army Corps of Engineers.

REMARKS.--Gage is in upper reach of pool formed by Coffeeville Lock and Dam in August 1960. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of April 1900 reached a stage of approximately 69 ft. Flood of Feb. 23, 1990, reached a stage of 62.6 ft.

ELEVATION, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.72	33.15	56.34	34.98	35.15	40.98	48.34	36.72	36.75	32.98	33.86	42.37
2	32.69	33.08	54.81	34.57	37.96	40.98	52.92	36.66	41.99	32.99	33.46	43.24
3	32.66	34.19	53.50	33.85	42.77	39.74	53.81	35.56	43.77	32.85	33.33	40.75
4	32.73	39.36	51.71	34.00	44.31	38.58	52.98	34.85	43.26	32.75	33.16	38.83
5	32.75	42.74	49.24	34.04	42.48	37.09	51.00	33.75	40.01	33.03	33.13	36.88
6	32.67	42.45	46.82	34.22	39.75	36.09	47.14	33.24	36.21	33.37	33.20	34.52
7	32.75	39.98	44.77	34.13	37.28	35.35	45.16	33.11	34.30	35.01	33.04	33.44
8	32.65	36.74	46.75	35.06	36.18	36.67	49.44	32.93	34.42	34.64	32.98	33.11
9	32.75	34.68	50.28	38.22	39.84	40.20	52.75	33.12	35.20	34.01	33.17	32.93
10	32.82	33.85	53.79	40.00	44.36	40.46	54.56	32.84	35.76	33.98	33.20	33.00
11	32.61	33.59	55.83	38.99	43.93	39.29	55.32	33.11	35.73	41.87	33.19	32.82
12	32.99	34.12	57.18	38.20	40.70	37.46	55.37	33.09	44.02	50.34	33.36	32.71
13	33.35	35.19	58.22	37.82	38.09	35.91	54.44	32.96	51.22	53.34	33.49	32.70
14	33.15	34.66	58.94	39.98	37.73	35.44	53.04	33.04	54.13	53.47	33.30	32.98
15	32.79	34.38	59.31	42.89	40.71	35.81	51.01	33.04	55.37	51.80	32.99	33.02
16	33.02	33.62	58.94	43.36	40.82	35.96	47.74	33.25	55.35	49.79	32.81	32.82
17	32.82	33.23	56.82	41.29	38.89	36.39	43.33	33.11	53.10	47.99	33.02	32.91
18	32.73	33.08	52.86	38.88	37.04	35.79	39.15	33.13	47.91	45.29	32.80	32.83
19	32.73	33.29	47.03	37.35	35.94	35.29	36.77	32.77	39.89	41.60	32.86	32.62
20	33.66	33.55	40.82	36.11	35.24	34.72	35.58	32.92	34.54	38.13	32.79	32.78
21	35.22	33.57	37.14	35.58	35.17	34.48	34.75	33.13	33.60	36.23	32.98	32.78
22	35.56	36.23	36.17	35.17	36.96	34.44	34.18	33.16	33.59	35.19	32.86	32.61
23	35.04	39.37	36.17	34.82	37.97	36.46	34.15	32.92	33.26	34.50	32.90	32.85
24	36.42	45.02	38.08	33.90	40.05	38.77	33.93	32.90	33.30	33.95	32.80	32.81
25	39.35	50.45	39.25	33.92	42.41	38.62	33.61	33.03	33.06	33.55	32.81	32.89
26	38.31	53.33	38.34	34.22	42.71	37.54	33.68	32.61	32.92	33.22	32.89	34.45
27	35.61	54.88	37.79	34.33	40.86	38.60	34.29	32.53	32.88	33.06	32.74	39.39
28	33.95	56.14	37.03	34.17	40.20	40.30	34.40	32.66	33.05	33.04	32.89	41.85
29	33.29	56.89	36.09	34.29	---	38.62	33.82	32.85	32.92	33.34	32.98	39.77
30	33.34	57.13	35.39	34.87	---	36.61	34.55	33.55	33.03	34.10	34.35	37.82
31	33.37	---	35.27	34.75	---	39.43	---	34.04	---	34.13	38.29	---
MEAN	33.76	39.73	47.12	36.39	39.48	37.49	44.04	33.44	39.48	38.18	33.28	35.15
MAX	39.35	57.13	59.31	43.36	44.36	40.98	55.37	36.72	55.37	53.47	38.29	43.24
MIN	32.61	33.08	35.27	33.85	35.15	34.44	33.61	32.53	32.88	32.75	32.74	32.61
CAL YR	2004	MEAN 37.39	MAX 60.53	MIN 32.58								
WTR YR	2005	MEAN 38.10	MAX 59.31	MIN 32.53								

02469761 TOBIGBEE RIVER AT COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL

LOCATION.--Lat 31°45'30", long 88°07'45", in NE ¼ NE ¼ sec. 13, T. 9 N., R. 2 W., Choctaw County, Hydrologic Unit 03160203, near right bank at Coffeerville Lock and Dam, 2 mi west of Coffeerville, 4 mi downstream from Turkey Creek, and at mile 74.7.

DRAINAGE AREA.--18,417 mi².

PERIOD OF RECORD.--October 1960 to current year (water years 1961-67 published in 1977 annual report).

REVISED RECORDS.--WDR AL-84-1: Drainage area. WDR AL-90-1: 1987, 1989. WDR AL-94-1: 1993.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to October 1, 1993, water-stage recorder at same site at datum 14.00 ft lower.

REMARKS.--Estimated daily discharges: Feb. 27, 28; Mar. 22, 23, 30, 31; Apr. 22, 23; May 15. Records good except for periods of estimated daily discharge which are fair. Some regulation by Lewis Smith Reservoir on Sipsey Fork (station 02451950), Bankhead Lock and Dam on Black Warrior River, usable capacity, 112,000 acre-ft, Holt Lock and Dam on Black Warrior River, usable capacity, 115,000 acre-ft, and lock and dam at gage. Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of May 1, 1874 reached a stage of 53.4 ft, discharge not determined, at site 0.5 mi downstream at present datum.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 150,000 ft³/s, Dec. 16, 17; minimum discharge, 1,690 ft³/s, Oct. 8.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,620	14,000	109,000	25,900	29,900	55,000	81,600	38,400	35,800	10,400	19,300	61,600
2	5,160	11,200	104,000	24,800	47,600	55,700	91,600	38,500	61,100	10,000	16,600	65,900
3	3,590	24,300	99,700	19,000	68,300	50,200	97,500	31,300	67,700	8,380	15,300	55,700
4	3,250	51,600	95,400	18,400	72,100	44,900	97,000	27,900	66,700	6,130	13,100	47,500
5	4,120	66,400	85,900	20,000	65,800	38,500	92,500	20,100	53,500	8,210	12,400	38,900
6	2,990	64,600	76,500	20,800	53,100	33,400	79,700	15,200	36,100	15,000	13,900	26,000
7	4,410	53,700	70,600	21,300	39,600	30,300	66,800	12,900	23,500	29,000	12,200	17,800
8	2,540	39,400	74,800	25,400	32,700	34,000	73,800	11,600	23,500	27,900	10,900	14,700
9	4,010	26,800	78,900	41,800	55,300	51,200	85,800	12,100	28,200	20,600	12,600	11,100
10	7,130	21,100	90,800	51,400	76,200	54,000	94,800	8,600	32,500	24,400	13,200	9,300
11	7,860	18,900	99,900	48,400	72,200	48,900	101,000	10,900	33,000	63,200	13,100	7,530
12	10,900	21,900	106,000	43,300	59,200	40,300	105,000	11,600	68,300	84,400	15,100	5,030
13	14,700	30,000	110,000	42,400	43,300	31,700	103,000	10,700	85,200	90,000	16,300	4,900
14	13,800	26,100	112,000	51,000	40,400	29,400	98,300	8,110	91,800	94,700	13,900	6,120
15	7,680	24,900	113,000	63,300	54,100	32,400	93,300	13,100	99,000	93,400	12,000	7,810
16	9,210	19,500	115,000	66,200	56,200	33,700	80,600	13,500	104,000	86,000	7,020	7,280
17	8,330	14,100	112,000	57,800	47,200	35,900	66,600	13,500	101,000	79,100	11,100	7,340
18	4,690	13,300	102,000	46,900	38,700	31,300	53,500	14,800	87,000	70,900	8,340	8,560
19	5,040	13,600	85,700	39,800	32,200	29,400	37,800	6,030	59,500	64,000	9,100	5,670
20	16,600	17,500	60,600	33,900	28,800	26,700	30,500	6,180	26,600	46,400	6,340	6,410
21	30,500	16,800	40,500	30,500	28,000	26,000	26,900	11,300	16,100	33,900	7,190	7,050
22	32,400	32,800	32,900	26,900	36,300	e25,400	e23,500	14,500	17,800	28,100	7,070	5,610
23	29,400	49,800	32,400	26,600	42,700	e34,200	e23,000	8,900	14,500	24,900	8,500	6,060
24	34,700	76,200	41,500	20,100	51,700	46,400	21,600	9,630	14,300	21,100	10,700	6,030
25	52,600	86,100	48,600	18,800	61,300	46,400	18,400	11,100	13,300	17,600	6,230	6,690
26	48,600	92,500	43,900	20,800	64,100	42,000	17,400	7,370	9,160	14,400	10,800	21,500
27	33,700	99,200	41,400	22,800	e56,900	47,600	23,400	3,550	7,720	12,800	5,820	50,100
28	22,700	106,000	38,100	22,100	e52,800	56,500	24,300	5,620	9,890	11,200	7,030	60,400
29	13,900	109,000	33,000	22,400	---	47,700	18,800	6,440	9,920	14,000	8,300	52,500
30	15,100	109,000	29,100	26,500	---	e37,900	23,500	17,300	10,400	20,100	24,200	43,900
31	15,100	---	28,400	24,900	---	e48,700	---	23,100	---	22,100	44,900	---
TOTAL	470,330	1,350,300	2,311,600	1,024,200	1,406,700	1,245,700	1,851,500	443,830	1,307,090	1,152,320	392,540	674,990
MEAN	15,170	45,010	74,570	33,040	50,240	40,180	61,720	14,320	43,570	37,170	12,660	22,500
MAX	52,600	109,000	115,000	66,200	76,200	56,500	105,000	38,500	104,000	94,700	44,900	65,900
MIN	2,540	11,200	28,400	18,400	28,000	25,400	17,400	3,550	7,720	6,130	5,820	4,900
CFSM	0.82	2.44	4.05	1.79	2.73	2.18	3.35	0.78	2.37	2.02	0.69	1.22
IN.	0.95	2.73	4.67	2.07	2.84	2.52	3.74	0.90	2.64	2.33	0.79	1.36

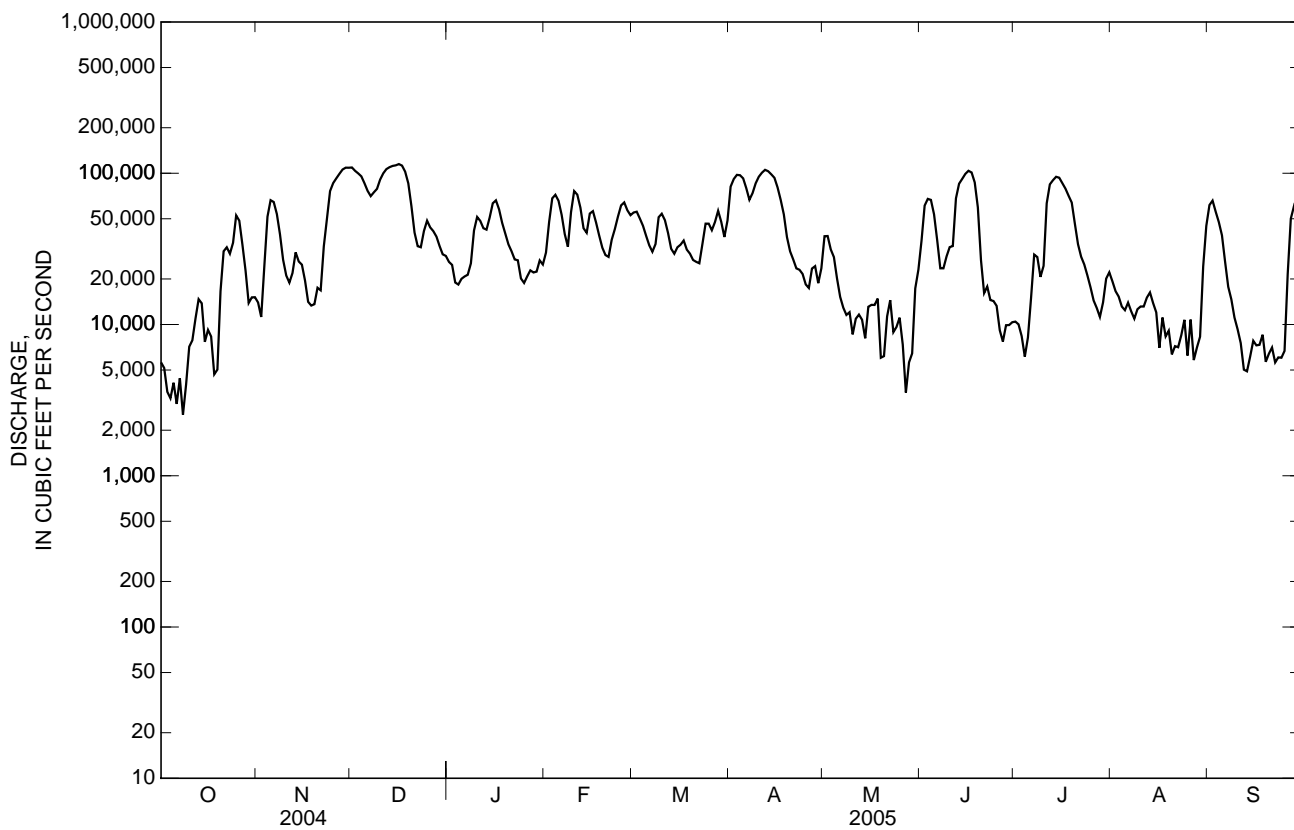
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1961	8,716	39,840	(1976)	1,401	(1988)
1962	14,400	45,010	(2005)	1,973	(1982)
1963	34,310	100,900	(1984)	4,142	(1963)
1964	50,930	110,900	(1974)	7,689	(1981)
1965	56,470	161,100	(1990)	10,790	(2000)
1966	63,620	152,200	(1961)	15,600	(1988)
1967	56,660	171,600	(1980)	5,781	(1986)
1968	31,140	153,100	(1991)	4,460	(1988)
1969	17,570	68,860	(1997)	2,557	(1988)
1970	13,300	58,070	(1989)	3,132	(2000)
1971	8,313	24,140	(2003)	2,353	(1999)
1972	8,123	33,190	(1979)	2,161	(2000)

02469761 TOMBIGBEE RIVER AT COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1961 - 2005	
ANNUAL TOTAL	12,638,220		13,631,100			
ANNUAL MEAN	34,530		37,350		30,170	
HIGHEST ANNUAL MEAN					57,420	
LOWEST ANNUAL MEAN					10,740	
HIGHEST DAILY MEAN	153,000	Feb 14	115,000	Dec 16	286,000	Apr 22, 1979
LOWEST DAILY MEAN	1,780	Aug 17	2,540	Oct 8	398	Aug 16, 1999
ANNUAL SEVEN-DAY MINIMUM	3,560	Oct 3	3,560	Oct 3	1,140	Oct 4, 1984
MAXIMUM PEAK FLOW			150,000	Dec 16	290,000	Apr 22, 1979
MAXIMUM PEAK STAGE			40.58	Dec 16	51.46	Apr 22, 1979
ANNUAL RUNOFF (CFSM)	1.87		2.03		1.64	
ANNUAL RUNOFF (INCHES)	25.53		27.53		22.26	
10 PERCENT EXCEEDS	90,900		86,500		82,500	
50 PERCENT EXCEEDS	20,800		28,200		14,900	
90 PERCENT EXCEEDS	7,050		7,320		3,410	

e Estimated



02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 31°45'25", long 88°07'30", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 7, T. 9 N., R. 2 W., Choctaw County, Hydrologic Unit 03160203, near right bank at downstream end of Coffeeville Lock and Dam, 2 mi west of Coffeeville, 4 mi downstream from Turkey Creek, and at mile 74.2.

DRAINAGE AREA.--18,417 mi².

WATER-STAGE RECORDS

PERIOD OF RECORD.--August 1960 to current year (gage heights only). October 1971 to current year in reports of Geological Survey. August 1960 to September 1971 in files of U.S. Army Corps of Engineers.

REVISED RECORD.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to October 1, 1993, water-stage recorder at same site at datum 14.00 ft lower.

REMARKS.--Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 50.2 ft, Mar. 4, 1961, Apr. 23, 1979; minimum gage height, -1.85 ft, Oct. 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 38.41 ft, Dec. 17; minimum elevation, 1.60 ft, Oct. 4.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.59	7.07	36.46	13.82	13.37	23.01	27.99	15.18	12.82	4.79	9.72	21.66
2	3.08	6.14	36.31	12.99	18.21	23.29	31.82	16.75	20.49	4.52	8.95	24.06
3	2.32	9.18	35.67	11.25	24.30	22.64	33.51	15.70	23.84	4.11	8.12	23.19
4	2.25	17.50	34.79	9.93	26.68	21.36	34.16	14.48	24.78	3.43	7.30	21.16
5	2.40	23.13	33.59	10.10	26.39	19.68	33.94	12.39	23.35	3.42	6.73	18.97
6	2.18	24.39	32.21	10.05	24.47	17.86	32.78	10.21	19.63	6.36	6.90	15.11
7	2.43	23.15	30.67	10.33	21.76	16.26	30.77	8.56	15.46	12.18	6.68	11.19
8	2.53	20.21	30.03	11.29	19.01	15.86	30.62	7.43	13.44	13.83	6.03	8.73
9	2.64	16.32	30.97	15.93	21.12	19.53	31.88	6.66	13.41	12.41	5.85	6.50
10	3.41	13.47	32.59	19.70	26.34	21.43	33.21	5.87	14.58	12.76	6.07	4.95
11	4.31	11.71	34.02	20.32	27.41	21.09	34.29	5.51	14.85	21.30	6.11	4.29
12	4.52	11.13	35.17	19.27	25.56	19.46	35.54	5.60	22.15	29.13	6.78	3.10
13	5.88	13.10	36.15	18.86	22.78	17.01	36.05	5.51	28.93	31.97	7.54	2.82
14	6.13	13.01	37.01	20.10	20.83	15.41	35.69	4.76	31.56	33.18	7.35	3.03
15	4.36	12.30	37.74	23.07	22.28	15.21	34.76	2,076.37	33.06	33.66	6.71	3.64
16	3.83	11.09	38.25	24.65	23.33	15.68	33.27	6.08	34.15	33.31	5.25	3.84
17	4.08	9.05	38.25	24.08	22.20	16.36	30.91	6.38	34.59	32.42	5.56	3.51
18	3.10	7.89	37.27	22.13	20.08	15.62	26.95	6.73	33.60	31.08	5.38	3.89
19	3.37	7.14	34.92	19.95	17.61	14.74	23.16	4.59	29.91	28.54	5.16	3.14
20	5.53	8.01	30.87	17.68	16.05	13.77	20.15	3.55	22.99	24.99	4.52	2.79
21	10.65	8.36	25.45	15.91	14.78	13.34	17.51	4.59	17.67	22.03	4.34	2.96
22	13.06	11.83	22.07	14.25	15.89	284.87	504.12	6.27	14.74	19.62	4.30	3.23
23	13.11	17.58	20.20	13.38	17.84	503.78	393.94	5.04	11.70	17.59	4.56	4.11
24	13.50	23.76	20.27	11.50	19.85	18.48	12.59	4.91	9.53	15.55	5.36	4.67
25	18.86	29.22	21.51	9.83	22.91	19.72	11.16	4.78	8.01	13.52	4.20	5.33
26	19.65	31.46	20.91	9.93	24.20	19.27	9.83	4.17	5.93	11.48	4.81	8.44
27	16.75	32.95	19.88	10.51	---	20.18	10.91	2.94	4.60	9.74	3.85	17.17
28	13.17	34.21	19.01	10.42	22.74	22.86	11.68	3.08	4.48	8.04	3.94	21.90
29	9.37	35.26	17.38	10.50	---	22.26	10.74	3.27	4.57	7.68	6.17	21.86
30	8.04	36.02	15.90	11.75	---	399.80	11.06	6.18	4.51	9.03	11.25	19.96
31	7.46	---	14.88	12.07	---	1,050.73	---	9.11	---	10.10	16.58	---
MEAN	6.95	17.52	29.37	15.02	---	88.41	54.17	73.96	18.44	16.83	6.52	9.97
MAX	19.65	36.02	38.25	24.65	---	1,050.73	504.12	2,076.37	34.59	33.66	16.58	24.06
MIN	2.18	6.14	14.88	9.83	---	13.34	9.83	2.94	4.48	3.42	3.85	2.79

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD. Water years 1970-96, 1998 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: April 1975 to September 1997.

WATER TEMPERATURES: April 1975 to September 1997.

REMARKS.--Water temperatures for August 1986, published in WDR AL-86-1, have been discredited and should not be used.

COOPERATION.--Specific conductance and temperature data furnished by U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 360 microSiemens, Nov. 15, 1987, Nov. 7, 1990, Sept. 27, 1995; minimum daily, 54 microSiemens, June 7, 1983.

WATER TEMPERATURES: Maximum daily, 34.0°C, July 14, 1980, July 31, Aug. 22, 1987, July 26, 1995; minimum daily, 3.0°C, Feb. 3, 4, 1996.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Carbonate, wat flt incrm. titr., mg/L (00452)	Bicarbonate, wat flt incrm. titr., mg/L (00453)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Ammonia water, fltrd, mg/L as N (00608)
NOV 2004													
17...	0955	18.2	20.5	772	7900	207	10.4	109	7.6	.0	60	50	<.04
JAN 2005													
24...	1200	10.0	6.0	771	19800	146	11.0	96	7.4	.0	46	37	<.04
MAR													
28...	1245	16.6	19.0	759	56600	137	10.4	107	7.4	.0	34	28	<.04
MAY													
19...	1245	25.8	29.0	764	6740	169	10.3	126	7.8	.0	49	40	<.04
JUL													
25...	1315	30.1	35.0	766	16000	147	8.3	110	7.5	.0	49	40	<.04
SEP													
08...	1240	28.1	30.5	769	14800	134	8.4	107	7.3	.0	41	34	<.04

Date	Nitrite water, fltrd, mg/L as N (00613)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L (71851)	Nitrite water, fltrd, mg/L (71856)	Ortho- phosphate, water, fltrd, mg/L (00660)	Phosphorus, water, unfltrd mg/L (00665)	Ortho- phosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, wat unf by analysis, mg/L (62855)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)
NOV 2004											
17...	.020	.33	.35	1.47	.066	.074	.087	.024	.78	9.68	28.3
JAN 2005											
24...	<.008	--	.30	--	--	--	E.068	E.013	.66	7.14	22.5
MAR											
28...	<.008	--	.23	--	--	--	.137	<.006	.78	6.66	18.7
MAY											
19...	E.006	--	.21	--	--	--	.084	E.003	.70	9.77	20.6
JUL											
25...	.008	.18	.19	.819	.026	--	.068	<.006	.57	5.79	20.7
SEP											
08...	.011	.14	.15	.637	.036	.071	.142	.023	.66	6.51	13.0

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Diethyl-aniline water fltrd 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	3,4-Dichloro-aniline water fltrd, ug/L (61625)	3,5-Dichloro-aniline water, fltrd, ug/L (61627)	4Chloro-2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-Endo-sulfan, water, fltrd, ug/L (34362)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)
NOV													
17...	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006	<.006	<.005	--	.010	<.07
JAN													
24...	<.09	<.006	<.005	<.006	<.004	<.004	--	<.006	<.006	<.005	--	.010	<.07
MAR													
28...	<.09	<.006	<.005	E.006	<.004	<.004	--	<.006	<.006	<.005	--	.155	<.07
MAY													
19...	<.09	<.006	<.005	E.037	<.004	<.004	--	<.006	<.006	<.005	--	1.44	<.07
JUL													
25...	<.09	<.006	<.005	E.013	<.004	E.007	<.004	<.006	<.006	<.005	<.005	.052	<.07
SEP													
08...	<.09	<.006	<.005	E.005	<.004	E.004	<.004	<.006	<.006	<.005	<.005	.057	<.07

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyrifos-oxon, water, fltrd ug/L (61636)	Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)	cis-Propi-cona-zole, water, fltrd, ug/L (79846)	Cyana-zine, water, fltrd, ug/L (04041)	Cyflu-thrin, water, fltrd, ug/L (61585)	lambda-Cyhalo-thrin, water, fltrd, ug/L (61595)	Cyper-methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)
NOV 17...	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.008	--	<.009	<.003
JAN 24...	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.008	--	<.009	<.003
MAR 28...	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.027	--	<.009	<.003
MAY 19...	<.050	<.010	<.041	--	<.06	<.005	<.006	--	--	<.027	--	<.009	<.003
JUL 25...	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027	<.009	<.009	<.003
SEP 08...	<.050	<.010	<.041	<.020	<.06	<.005	<.006	<.008	<.018	<.027	<.009	<.009	<.003
Date	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diaz-onon oxon, water, fltrd, ug/L (61638)	Diazi-non, water, fltrd, ug/L (39572)	Dicro-tophos, water, fltrd, ug/L (38454)	Diel-drin, water, fltrd, ug/L (39381)	Dimeth-oate, water, fltrd 0.7u GF ug/L (82662)	Disulf-oton sulfone water, fltrd, ug/L (61640)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	Endo-sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)
NOV 17...	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
JAN 24...	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
MAR 28...	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
MAY 19...	<.012	<.01	<.005	<.08	<.009	<.006	--	--	--	--	<.0020	<.004	--
JUL 25...	E.005	<.01	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002	<.004	<.005
SEP 08...	<.012	<.01	<.005	<.08	<.009	<.006	<.01	<.02	<.014	<.004	<.002	<.004	<.005
Date	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Desulf-inyl fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexa-zinone, water, fltrd, ug/L (04025)	Ipro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Mala-oxon, water, fltrd, ug/L (61652)
NOV 17...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	<.003	<.003	<.013	<.387	<.003	<.030
JAN 24...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	<.003	<.003	<.015	<.387	<.003	<.030
MAR 28...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--	<.003	.095	<.538	<.003	<.030
MAY 19...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--	<.003	E.013	<.538	<.003	<.030
JUL 25...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--	<.003	E.012	<.538	<.003	<.030
SEP 08...	<.049	<.04	<.03	<.029	<.013	<.024	<.016	--	<.003	<.013	<.538	<.003	<.030

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- alithion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Myclo- butanil water, fltrd, ug/L (61599)	Oxy- fluor- fen, water, fltrd, ug/L (61600)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)
NOV 17...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--	<.008	--	<.022	<.10	<.011
JAN 24...	<.027	<.005	<.006	<.03	<.015	<.006	<.006	--	<.008	--	<.022	<.10	<.011
MAR 28...	<.027	<.005	<.006	<.03	<.015	E.005	<.006	--	<.008	--	<.022	<.10	<.011
MAY 19...	<.027	<.005	<.006	<.03	<.015	.083	.025	--	<.008	--	<.022	<.10	<.011
JUL 25...	<.027	<.005	<.006	<.03	<.015	.029	E.007	<.003	<.008	<.007	<.022	<.10	<.011
SEP 08...	<.027	<.005	<.006	<.03	<.015	E.081	<.006	<.003	<.008	<.007	<.022	<.10	<.011

Date	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, water, fltrd, ug/L (04036)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Teflu- thrin, water, fltrd, ug/L (61606)	Terbu- fos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)
NOV 17...	<.05	<.008	<.01	<.005	<.004	--	--	.016	<.02	--	<.07	<.02	<.01
JAN 24...	<.05	<.008	<.01	<.005	<.004	--	--	.026	<.02	--	<.07	<.02	<.01
MAR 28...	<.05	<.008	M	<.005	<.004	--	--	.029	<.02	--	<.07	<.02	<.01
MAY 19...	<.05	<.008	E.01	.015	<.004	--	--	.027	E.01	--	<.07	<.02	<.01
JUL 25...	<.05	<.008	<.01	.013	<.004	<.011	<.02	.011	<.02	<.008	<.07	<.02	<.01
SEP 08...	--	--	E.01	.009	<.004	<.011	<.02	.009	<.02	<.008	<.07	<.02	<.01

Date	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	trans- Propi- cona- zole, water, fltrd, ug/L (79847)	Tribu- phos, water, fltrd, ug/L (61610)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)
NOV 17...	--	--	--	<.009	<.01
JAN 24...	--	--	--	<.009	<.01
MAR 28...	--	--	--	<.009	<.01
MAY 19...	--	--	--	<.009	<.01
JUL 25...	<.010	<.01	<.004	<.009	<.01
SEP 08...	<.010	<.01	<.010	<.009	<.01

MOBILE RIVER BASIN

02469762 TOMBIGBEE RIVER BELOW COFFEEVILLE LOCK AND DAM NEAR COFFEEVILLE, AL--Continued
(National Water-Quality Assessment Station)

SUSPENDED SEDIMENT DISCHARGE, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous dis- charge, cfs (00061)	Sus- pended sediment concentration mg/L (80154)	Sus- pended sediment dis- charge, tons/d (80155)	Suspnd. sediment, sieve diameter percent <.063mm (70331)
NOV 17...	0955	7900	20	427	99
JAN 24...	1200	19800	21	1120	93
MAR 28...	1245	56600	143	21900	89
MAY 19...	1245	6740	86	1570	42
JUL 25...	1315	16000	13	562	95
SEP 08...	1240	14800	151	6030	31

02469800 SATILPA CREEK NEAR COFFEEVILLE, AL

LOCATION.--Lat 31°44'39", long 88°01'21", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 18, T. 9 N., R. 1 E., Clarke County, Hydrologic Unit 03160203, near left bank on downstream side of bridge on State Highway 12, 0.2 mi upstream from unnamed tributary, 3 mi downstream from Harris Creek, and 3.8 mi east of Coffeeville.

DRAINAGE AREA.--164 mi².

PERIOD OF RECORD.--June 1956 to September 1970, October 1970 to September 1974 (flood hydrograph and low flow only), October 1974 to current year.

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 39.80 ft above NGVD of 1929 (levels by Alabama Highway Department).

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Feb 3	0730	2,700	13.20	Apr 13	0230	2,960	13.34
Mar 28	0230	2,640	13.17	Jun 12	2300	2,910	13.31
Apr 2	0530	3,210	13.46	Jul 11	2200	*8,190	*15.32

Minimum discharge, 31 ft³/s, Sept. 22, gage height, 3.00 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

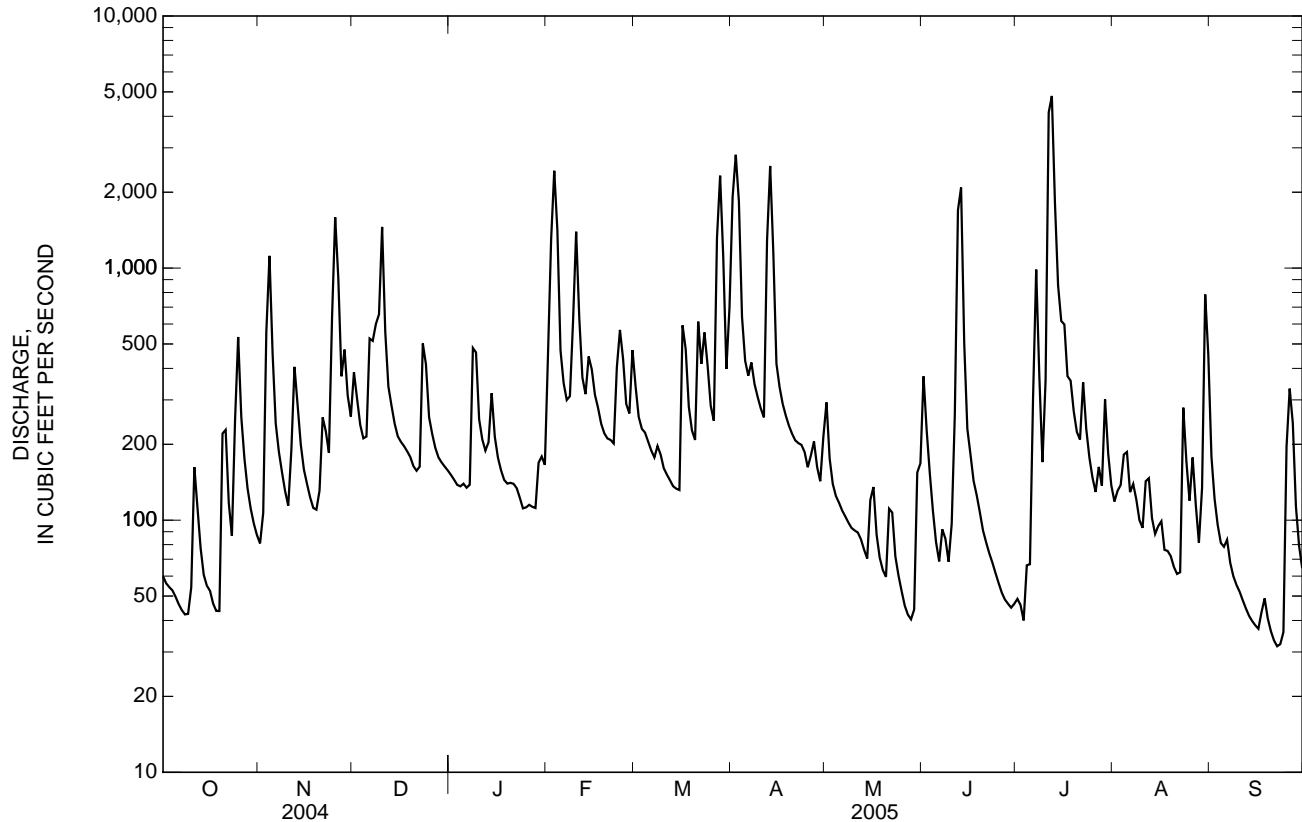
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	60	81	386	151	452	339	1,920	293	372	49	119	179
2	56	107	303	145	1,300	256	2,820	176	228	46	131	122
3	54	559	239	138	2,430	230	1,840	139	154	40	138	96
4	53	1,120	211	136	1,410	223	642	125	109	66	182	81
5	50	459	215	140	471	205	429	117	82	67	186	78
6	46	242	525	135	350	189	374	109	69	306	129	84
7	44	187	514	138	300	177	422	103	92	986	139	68
8	42	155	600	482	310	197	346	98	84	374	121	60
9	43	130	656	463	612	182	308	93	68	170	100	55
10	54	114	1,460	251	1,390	161	277	91	97	359	93	52
11	162	190	558	209	633	152	256	89	262	4,140	143	48
12	112	406	339	189	368	144	1,290	84	1,700	4,820	147	45
13	77	285	285	204	316	136	2,540	76	2,090	1,810	102	42
14	61	200	242	319	446	133	1,150	70	503	853	88	40
15	55	159	215	215	396	132	418	120	230	617	95	38
16	52	139	205	177	314	592	338	135	182	598	99	37
17	47	123	197	158	279	477	289	88	143	373	76	43
18	44	112	188	144	241	282	260	71	125	357	75	49
19	44	110	178	140	221	227	237	63	107	270	72	41
20	221	131	164	141	211	208	220	60	91	224	65	36
21	228	256	157	139	208	613	207	111	82	209	61	33
22	117	225	163	134	202	417	202	107	74	352	62	32
23	87	185	502	123	403	556	199	72	68	230	280	32
24	249	640	416	111	569	412	186	60	62	177	171	36
25	533	1,590	256	112	435	284	162	52	56	147	120	196
26	257	912	220	115	289	248	180	46	52	129	177	333
27	176	372	194	113	265	1,310	205	42	48	163	115	242
28	134	475	178	112	472	2,330	162	40	47	137	81	113
29	111	312	169	169	---	1,110	143	44	45	301	134	79
30	97	258	163	179	---	398	214	155	47	184	785	65
31	87	---	157	166	---	700	---	168	---	138	452	---
TOTAL	3,453	10,234	10,255	5,548	15,293	13,020	18,236	3,097	7,369	18,692	4,738	2,455
MEAN	111	341	331	179	546	420	608	99.9	246	603	153	81.8
MAX	533	1,590	1,460	482	2,430	2,330	2,820	293	2,090	4,820	785	333
MIN	42	81	157	111	202	132	143	40	45	40	61	32
CFSM	0.68	2.08	2.02	1.09	3.33	2.56	3.71	0.61	1.50	3.68	0.93	0.50
IN.	0.78	2.32	2.33	1.26	3.47	2.95	4.14	0.70	1.67	4.24	1.07	0.56

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1957 - 2005, BY WATER YEAR (WY)

MEAN	71.0	142	253	368	453	540	370	185	146	114	67.2	67.0
MAX	402	515	1,681	1,132	1,802	1,376	1,299	1,025	667	614	289	304
(WY)	(1976)	(1998)	(1962)	(1990)	(1961)	(2001)	(1979)	(1980)	(2003)	(2003)	(1975)	(2004)
MIN	5.17	8.66	31.0	45.8	48.9	155	60.1	17.2	11.0	6.82	9.58	6.66
(WY)	(2001)	(1964)	(1964)	(1981)	(2000)	(1957)	(1963)	(2000)	(1988)	(2000)	(2000)	(2000)

02469800 SATILPA CREEK NEAR COFFEEVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1957 - 2005	
ANNUAL TOTAL	74,851		112,390		230	
ANNUAL MEAN	205		308		408	
HIGHEST ANNUAL MEAN					48.6	
LOWEST ANNUAL MEAN					15,300	
HIGHEST DAILY MEAN	2,940	Feb 26	4,820	Jul 12	15,300	Mar 4, 1979
LOWEST DAILY MEAN	18	Aug 8	32	Sep 22	2.9	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	20	Aug 3	37	Sep 18	3.1	Aug 25, 2000
MAXIMUM PEAK FLOW			8,190	Jul 11	25,600	Jul 8, 1956
MAXIMUM PEAK STAGE			15.32	Jul 11	18.37	Jul 8, 1956
ANNUAL RUNOFF (CFSM)	1.25		1.88		1.40	
ANNUAL RUNOFF (INCHES)	16.98		25.49		19.07	
10 PERCENT EXCEEDS	420		578		475	
50 PERCENT EXCEEDS	112		169		91	
90 PERCENT EXCEEDS	43		52		16	



MOBILE RIVER BASIN

02470050 TOMBIGBEE RIVER NEAR LEROY, AL

LOCATION.--Lat 31°29'09", long 87°54' 32", in SW $\frac{1}{4}$ sec. 21, T. 6 N., R. 2 E., Washington County, Hydrologic Unit 03160203, on right bank at Charles R. Loman powerplant, 2.2 mi upstream from East Bassetts Creek, 3.0 mi southeast of Leroy, and at mile 44.5.

DRAINAGE AREA.--19,120 mi².

PERIOD OF RECORD.--October 2001 to current year. January 1980 to September 2001 in files of U.S. Army Corps of Engineers.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Records since Jan. 16, 1985, include diversions from Tennessee River basin through Bay Springs lock on Tennessee-Tombigbee Waterway. Some regulation by several reservoirs and locks and dams on Tombigbee and Black Warrior Rivers. (See Reservoirs in Mobile River Basin).

EXTREMES OUTSIDE PERIOD OF RECORD.--Significant flood events include 31.96 ft, April 1976; 32.78 ft, March 1979; 35.89 ft, April 1979; 28.20 ft, March 1990.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 29.20 ft, Dec. 17; minimum elevation, 1.33 ft, Oct. 7.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.99	6.16	28.27	12.35	10.80	19.57	21.81	11.82	9.30	4.32	8.58	17.11
2	2.54	5.59	28.33	11.51	13.83	19.79	24.97	13.97	15.36	4.16	8.09	19.53
3	1.96	7.13	28.14	10.32	18.94	19.58	26.37	13.91	19.07	4.00	7.35	19.63
4	1.87	13.27	27.80	8.87	21.62	18.78	27.07	12.94	20.30	3.63	6.77	18.32
5	1.95	18.61	27.30	8.65	22.20	17.64	27.20	11.73	20.04	3.35	6.25	16.76
6	1.80	20.34	26.65	8.51	21.40	16.21	26.89	9.98	17.86	5.07	6.08	14.02
7	1.95	20.02	25.86	8.70	19.68	14.78	26.04	8.50	14.65	9.55	6.12	10.62
8	2.16	18.18	25.25	9.09	17.51	13.73	25.47	7.40	12.35	11.82	5.68	8.16
9	2.20	15.14	25.41	12.15	17.45	15.53	25.78	6.48	11.60	11.29	5.20	6.20
10	2.71	12.54	26.13	15.70	20.95	17.57	26.42	6.03	12.23	11.31	5.24	4.77
11	3.53	10.83	26.89	16.99	22.51	17.93	27.01	5.26	12.50	16.39	5.30	4.23
12	3.36	9.91	27.52	16.48	22.09	17.12	27.63	5.15	16.51	22.94	5.66	3.43
13	4.21	11.02	27.99	16.11	20.46	15.42	28.02	5.13	22.19	25.27	6.32	3.13
14	4.51	11.34	28.38	16.56	18.73	13.88	28.04	4.84	24.48	26.18	6.57	3.13
15	3.40	10.71	28.73	18.69	18.91	13.05	27.76	5.01	25.73	26.73	6.23	3.45
16	2.71	9.94	29.04	20.24	19.80	13.29	27.19	5.23	26.56	26.81	5.42	3.74
17	3.01	8.32	29.18	20.47	19.41	13.67	26.23	5.44	27.05	26.48	5.01	3.47
18	2.48	7.13	28.98	19.40	18.03	13.54	24.36	5.56	26.96	25.91	5.18	3.70
19	2.77	6.34	28.23	17.79	16.06	12.83	21.79	4.90	25.75	24.83	4.86	3.34
20	3.67	6.79	26.60	15.94	14.68	12.13	19.27	3.66	22.01	22.93	4.59	2.87
21	7.56	7.20	23.57	14.24	13.27	11.63	16.94	3.92	17.65	20.77	4.24	2.88
22	10.49	8.88	20.75	12.79	13.23	11.48	14.86	5.00	14.59	18.81	4.21	3.18
23	10.91	13.55	18.93	11.76	14.69	11.81	13.10	4.82	11.70	17.04	4.23	3.91
24	10.79	18.33	18.15	10.42	15.99	14.35	11.89	4.46	9.30	15.20	4.64	4.57
25	14.92	22.92	18.76	8.69	18.50	16.32	10.66	4.13	7.70	13.32	4.25	5.09
26	16.45	24.83	18.48	8.39	19.88	16.54	9.28	4.09	6.01	11.42	4.10	6.31
27	14.77	26.04	17.63	8.67	---	16.76	9.17	3.31	4.76	9.69	3.95	12.35
28	11.93	26.93	16.94	8.69	19.57	18.81	9.84	3.11	4.23	8.03	3.81	17.47
29	8.71	27.57	15.72	8.73	---	19.31	9.81	3.26	4.25	---	5.37	18.55
30	7.13	28.00	14.45	9.45	---	18.43	9.40	4.40	4.11	7.63	9.41	17.36
31	6.46	---	13.29	10.17	---	17.66	---	6.75	---	8.52	13.03	---
MEAN	5.67	14.45	24.11	12.79	---	15.78	21.01	6.46	15.56	---	5.86	8.71
MAX	16.45	28.00	29.18	20.47	---	19.79	28.04	13.97	27.05	---	13.03	19.63
MIN	1.80	5.59	13.29	8.39	---	11.48	9.17	3.11	4.11	---	3.81	2.87

02470072 BASSETT CREEK AT U.S. HIGHWAY 43 NEAR THOMASVILLE, AL

LOCATION.--Lat 31°51'50", long 87°44'50", in SW 1/4 sec. 2, T. 10 N., R. 3 E., Clarke County, Hydrologic Unit 03160203, on downstream side of bridge on U.S. Highway 43, 3 mi south of Thomasville.

DRAINAGE AREA.--10.5 mi².

PERIOD OF RECORD.--October 1995 to current year.

REVISED RECORDS.--WDR AL-98-1: 1996-97 (P).

GAGE.--Water-stage recorder. Elevation of gage is 292 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharge. Records poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 24	1230	777	8.71	Jun 12	0330	668	8.16
Nov 24	1430	821	8.95	Jul 6	2100	613	7.89
Mar 27	0700	998	9.47	Jul 11	0030	*2,460	*11.03
Mar 31	1600	727	8.44	Aug 30	0000	517	7.30

Minimum discharge, 0.05 ft³/s, May 29, gage height, -0.66 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

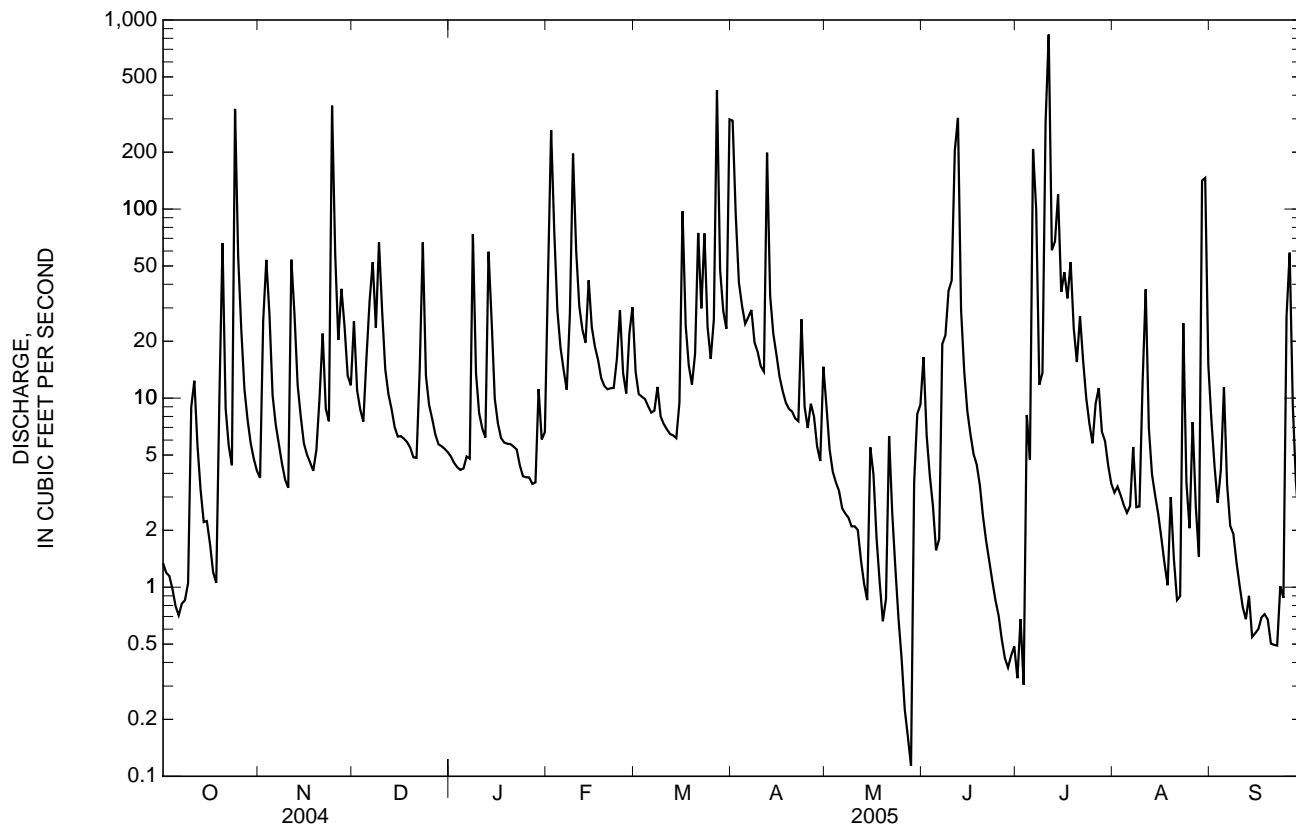
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.3	3.8	26	4.9	43	14	293	9.0	16	0.33	3.2	7.6
2	1.2	26	11	4.5	262	11	92	5.3	6.4	0.68	3.4	4.3
3	1.1	54	8.7	4.3	76	10	41	4.1	3.9	0.31	3.1	2.8
4	0.98	28	7.5	4.2	29	9.9	31	3.6	2.7	8.1	2.7	4.2
5	0.79	10	16	4.2	18	9.1	25	3.2	1.6	4.7	2.5	11
6	0.71	7.3	33	4.9	14	8.4	27	2.6	1.8	208	2.7	3.5
7	0.82	5.7	52	4.8	11	8.6	29	2.5	19	99	5.5	2.1
8	0.85	4.5	24	74	28	11	20	2.3	22	12	2.6	1.9
9	1.1	3.7	67	14	196	8.0	18	2.1	37	14	2.7	1.4
10	9.0	3.4	29	8.3	61	7.3	15	2.1	42	288	12	1.0
11	12	54	14	6.9	31	6.8	14	2.0	204	838	38	0.79
12	5.6	28	11	6.2	23	6.5	199	1.4	304	61	6.9	0.68
13	3.3	12	8.8	60	20	6.4	35	1.0	29	67	4.0	0.90
14	2.2	8.0	7.0	25	42	6.1	22	0.85	14	119	3.1	0.55
15	2.2	5.8	6.3	9.9	24	9.5	17	5.5	8.5	36	2.4	0.57
16	1.7	5.0	6.3	7.3	19	97	13	4.0	6.4	46	1.8	0.60
17	1.2	4.6	6.1	6.2	16	24	11	1.8	5.0	34	1.3	0.69
18	1.1	4.1	5.8	5.8	13	15	9.5	1.1	4.4	52	1.0	0.72
19	10	5.3	5.5	5.7	12	12	8.8	0.66	3.5	23	3.0	0.67
20	66	10	4.9	5.7	11	17	8.5	0.87	2.4	16	1.4	0.50
21	8.8	22	4.8	5.5	11	75	7.8	6.3	1.8	27	0.86	0.50
22	5.6	8.8	14	5.4	11	30	7.5	2.5	1.4	16	0.90	0.49
23	4.4	7.5	67	4.4	16	74	26	1.3	1.1	10	25	1.0
24	339	352	13	3.9	29	24	9.0	0.68	0.85	7.3	3.6	0.88
25	56	58	9.2	3.8	14	16	6.9	0.42	0.71	5.8	2.1	27
26	23	20	7.8	3.8	11	26	9.3	0.23	0.53	9.4	7.5	59
27	11	38	6.4	3.5	22	426	8.0	0.16	0.42	11	2.7	9.1
28	7.7	24	5.7	3.6	30	48	5.5	0.11	0.38	6.6	1.5	3.6
29	5.8	13	5.6	11	---	29	4.7	3.6	0.43	5.9	142	2.1
30	4.8	12	5.4	6.0	---	23	15	8.3	0.49	4.4	146	1.4
31	4.1	---	5.2	6.6	---	298	---	9.2	---	3.5	15	---
TOTAL	593.35	838.5	494.0	324.3	1,093	1,366.6	1,028.5	88.78	741.71	2,034.02	450.46	151.54
MEAN	19.1	27.9	15.9	10.5	39.0	44.1	34.3	2.86	24.7	65.6	14.5	5.05
MAX	339	352	67	74	262	426	293	9.2	304	838	146	59
MIN	0.71	3.4	4.8	3.5	11	6.1	4.7	0.11	0.38	0.31	0.86	0.49
CFSM	1.82	2.66	1.52	1.00	3.72	4.20	3.27	0.27	2.35	6.25	1.38	0.48
IN.	2.10	2.97	1.75	1.15	3.87	4.84	3.64	0.31	2.63	7.21	1.60	0.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	(WY)	MIN	(WY)
1996	9.34	23.3	(1998)	0.00	(2001)
1997	14.8	45.6	(1996)	0.41	(2000)
1998	17.0	46.2	(1996)	1.37	(2000)
1999	23.9	62.8	(1998)	2.74	(2000)
2000	23.4	47.8	(1998)	3.09	(2000)
2001	34.7	70.3	(2001)	7.43	(2004)
2002	14.6	34.3	(2005)	1.04	(2004)
2003	5.42	22.0	(2003)	0.08	(2000)
2004	15.0	44.3	(2003)	0.05	(2002)
2005	13.9	65.6	(2005)	0.18	(2000)
2006	5.20	20.5	(1996)	0.41	(2000)
2007	10.8	34.9	(2004)	0.10	(1999)

02470072 BASSETT CREEK AT U.S. HIGHWAY 43 NEAR THOMASVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1996 - 2005	
ANNUAL TOTAL	4,989.58		9,204.76		15.6	
ANNUAL MEAN	13.6		25.2		25.7	
HIGHEST ANNUAL MEAN					2.28	
LOWEST ANNUAL MEAN					0.00	
HIGHEST DAILY MEAN	759	Sep 16	838	Jul 11	838	Jul 11, 2005
LOWEST DAILY MEAN	0.04	Aug 8	0.11	May 28	0.00	Jul 13, 2000
ANNUAL SEVEN-DAY MINIMUM	0.10	Aug 3	0.43	Jun 27	0.00	Jul 18, 2000
MAXIMUM PEAK FLOW			2,460	Jul 11	2,460	Jul 11, 2005
MAXIMUM PEAK STAGE			11.03	Jul 11	11.03	Jul 11, 2005
ANNUAL RUNOFF (CFSM)	1.30		2.40		1.49	
ANNUAL RUNOFF (INCHES)	17.68		32.61		20.23	
10 PERCENT EXCEEDS	25		52		29	
50 PERCENT EXCEEDS	3.4		7.3		4.1	
90 PERCENT EXCEEDS	0.23		0.90		0.14	



02470629 MOBILE RIVER AT RIVER MILE 31.0 AT BUCKS, AL

LOCATION.--Lat 31°00'56", long 88°01'15", in SW 1/4 sec. 30, T. 1 N., R. 1 E., Mobile County, Hydrologic Unit 03160204, on right bank, 0.3 mi east of U.S. Highway 43, 0.5 mi upstream from Berry Steam Plant, 10.0 mi downstream of the Old Fort Stoddard Boat Ramp in Mt. Vernon, and at river mile 31.0.

DRAINAGE AREA.--43,000 mi².

PERIOD OF RECORD.--July 2003 to Current Year.

GAGE.--Water-stage and velocity recorder. Datum of gage is NGVD of 1929.

REMARKS.--Estimated daily discharges: Feb. 5-11, and July 7-Aug. 25. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Minimum discharge estimated from rating extension to be -30,400 ft³/s, Aug. 29, 2005.

EXTREMES OUTSIDE PERIOD OF RECORD.--The peak discharge for the flood of March 1961, was estimated to be 538,000 ft³/s based on a stage-discharge rating that was developed for station 02470630, 0.5 mi downstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 67,000 ft³/s, Nov. 30; maximum gage height, 10.95 ft., Apr. 8; minimum discharge, -30,400 ft³/s, Aug. 29; minimum gage height, -0.07 ft., May 25.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17,400	15,400	e65,000	36,400	28,600	51,300	58,300	36,100	23,400	11,100	29,400	38,400
2	14,600	14,000	e63,100	34,200	31,100	51,900	e61,800	40,100	34,000	11,800	27,400	38,800
3	9,610	19,100	e59,000	32,300	42,200	52,300	e64,700	e44,000	42,300	11,900	25,500	39,500
4	10,200	30,200	e56,900	27,900	48,600	51,900	e63,100	e46,000	46,300	10,400	24,200	39,600
5	9,670	41,200	e56,400	24,300	52,500	50,600	e55,000	e42,000	48,700	8,030	23,300	38,400
6	7,610	47,700	e58,000	24,900	54,300	47,800	e53,000	37,000	49,100	7,240	23,400	35,500
7	7,430	50,200	e59,900	24,200	53,900	43,100	e56,000	32,800	45,900	29,800	24,300	31,000
8	8,680	51,600	e60,400	25,700	50,800	38,000	e59,000	28,200	40,400	36,300	21,600	22,700
9	7,760	&45,400	e61,100	30,000	47,400	37,000	e60,000	23,400	35,000	39,700	e20,000	17,900
10	7,950	&38,800	e61,400	35,000	48,500	41,300	e61,000	22,100	33,400	42,000	e19,000	15,200
11	12,100	&28,500	e62,800	37,300	52,100	44,400	e60,000	19,100	35,600	45,000	e24,000	14,100
12	13,100	&28,100	e64,400	36,900	55,100	46,000	e58,000	16,800	40,100	54,100	e30,000	11,100
13	15,600	&27,000	e64,200	36,900	55,600	44,700	e56,000	18,400	47,300	60,100	e34,000	8,420
14	14,200	&27,600	e64,500	40,400	54,200	42,000	e54,000	17,200	52,800	e64,100	e32,000	8,040
15	12,300	&22,700	e64,900	43,700	51,300	37,800	e52,000	17,900	56,000	e66,000	e30,000	9,520
16	10,800	&31,300	e64,400	47,800	50,100	35,400	e54,000	18,000	58,000	e64,500	e28,000	10,400
17	10,500	31,400	e63,300	50,000	50,300	35,600	e56,000	18,200	58,400	e58,800	e26,000	11,000
18	8,970	e26,000	e62,800	49,600	50,200	37,000	e57,000	18,900	58,500	e54,700	e25,000	12,000
19	8,930	24,100	e61,700	46,900	48,100	37,100	e55,000	18,400	58,300	e53,700	23,600	9,130
20	12,100	25,600	e62,400	43,900	44,600	36,000	52,500	14,800	56,600	e53,900	23,900	7,610
21	20,600	25,000	e61,200	40,500	39,600	34,700	48,900	16,500	51,200	e55,600	22,800	8,120
22	27,900	22,700	e58,200	36,800	36,600	32,600	44,500	17,200	43,800	e57,100	22,600	5,120
23	29,700	29,200	54,800	35,300	36,900	32,500	41,600	16,700	36,300	e55,400	20,500	4,220
24	28,400	37,900	53,900	30,000	39,300	37,000	38,700	14,800	28,100	52,500	18,800	6,540
25	32,200	47,800	53,300	25,800	42,600	41,600	35,300	13,700	22,600	48,900	17,500	12,000
26	36,100	53,900	53,100	23,100	46,100	44,200	30,200	14,400	16,700	43,600	16,800	21,300
27	36,300	58,100	52,900	23,500	e48,400	45,500	28,500	14,200	14,800	38,200	17,500	30,800
28	32,400	62,200	51,300	21,300	e49,900	48,300	29,900	11,900	10,200	33,500	12,800	37,600
29	27,200	e65,100	48,400	23,500	---	51,700	31,500	12,600	11,000	30,200	e-5,810	38,900
30	20,600	e65,800	44,600	26,300	---	54,000	32,200	12,500	10,100	28,800	e30,400	38,200
31	17,700	---	39,800	28,000	---	55,200	---	17,200	---	29,300	35,800	---
MEAN	17,050	36,450	58,330	33,630	46,750	43,180	50,260	22,290	38,830	40,520	23,360	20,700
MAX	36,300	65,800	65,000	50,000	55,600	55,200	64,700	46,000	58,500	66,000	35,800	39,600
MIN	7,430	14,000	39,800	21,300	28,600	32,500	28,500	11,900	10,100	7,240	-5,810	4,220

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

	MEAN	14,460	27,420	44,050	33,400	50,790	42,350	34,150	19,800	30,810	33,440	22,010	19,710
MAX	17,050	36,450	58,330	33,630	54,700	43,180	50,260	22,290	38,830	40,520	30,800	22,100	
(WY)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2003)	(2004)	
MIN	11,870	18,390	29,760	33,170	46,750	41,510	18,040	17,310	22,780	26,360	11,870	16,320	
(WY)	(2004)	(2004)	(2004)	(2004)	(2005)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2003)	

SUMMARY STATISTICS

FOR 2004 CALENDAR YEAR

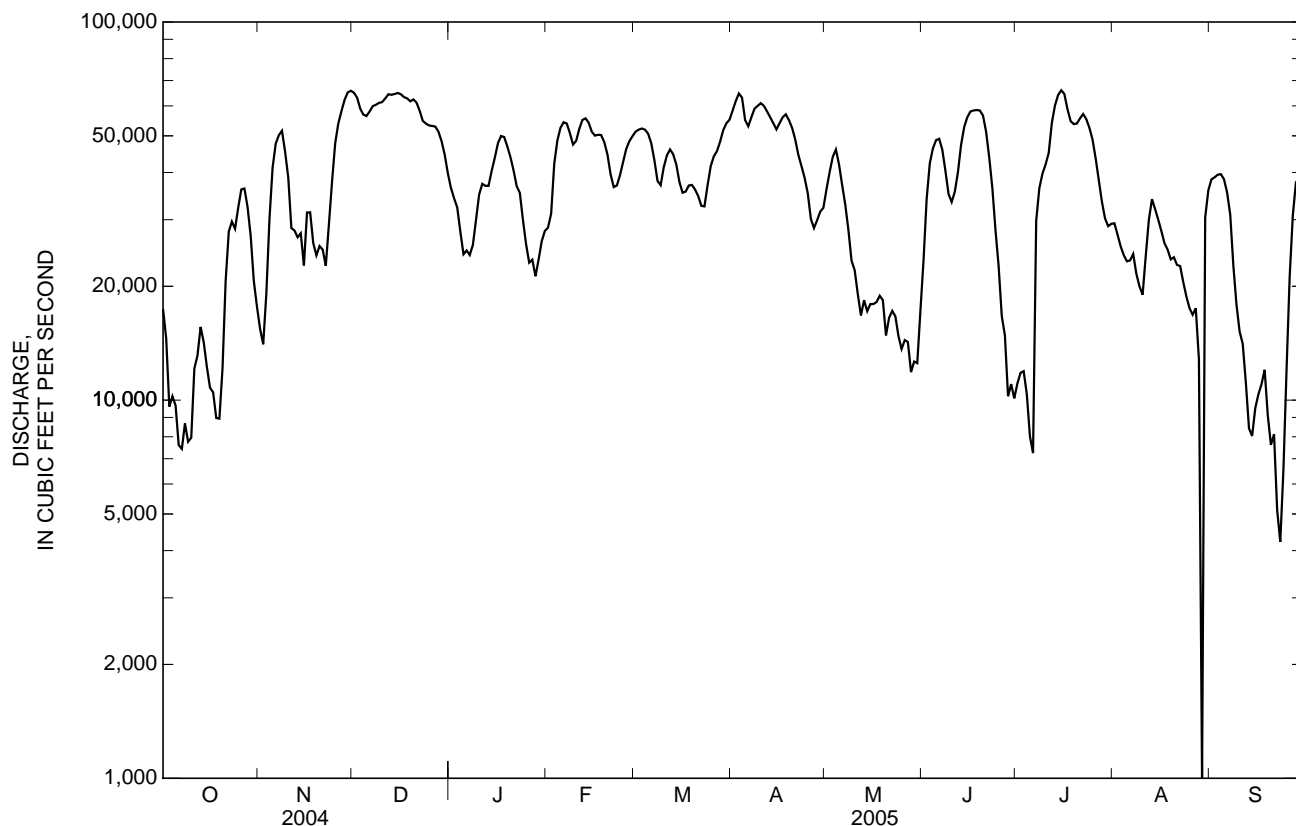
FOR 2005 WATER YEAR

WATER YEARS 2003 - 2005

ANNUAL MEAN	29,890	35,850	30,700	
HIGHEST ANNUAL MEAN			35,850	2005
LOWEST ANNUAL MEAN			25,560	2004
HIGHEST DAILY MEAN	69,000	Feb 13	69,000	Feb 13, 2004
LOWEST DAILY MEAN	4,000	Aug 10	-5,810	Aug 29, 2005
ANNUAL SEVEN-DAY MINIMUM	5,260	Sep 7	7,530	Sep 18, 2004
MAXIMUM PEAK FLOW			67,000	Nov 30, 2004
MAXIMUM PEAK STAGE			10.95	Apr 8, 2005
10 PERCENT EXCEEDS	58,900		58,300	
50 PERCENT EXCEEDS	25,200		36,300	
90 PERCENT EXCEEDS	10,900		12,000	

e Estimated

02470629 MOBILE RIVER AT RIVER MILE 31.0 AT BUCKS, AL—Continued



ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.62	2.61	7.98	3.32	2.29	4.82	6.57	2.98	2.19	1.25	2.38	3.55
2	1.34	2.81	8.53	3.03	3.03	4.88	7.10	3.39	2.89	1.16	2.16	3.33
3	1.07	2.89	8.96	2.63	3.45	5.10	7.46	---	3.71	1.20	2.02	3.31
4	1.18	2.73	9.09	2.12	4.04	5.22	8.18	---	4.28	1.12	1.86	3.40
5	1.17	2.93	8.99	1.97	4.74	5.16	9.12	---	4.70	1.21	1.73	3.32
6	1.26	3.74	8.71	1.96	5.22	4.80	10.02	3.20	4.87	2.72	1.66	3.00
7	1.52	4.22	8.30	1.93	5.55	4.37	10.72	2.65	4.60	2.69	1.71	2.43
8	1.79	4.38	7.89	1.96	5.44	3.63	10.92	2.31	3.97	2.97	1.43	1.73
9	1.84	4.33	7.56	1.96	5.16	3.17	10.87	2.05	3.33	3.39	1.20	1.40
10	2.27	4.13	7.37	2.71	4.85	3.45	10.76	2.00	3.08	3.69	1.22	1.33
11	2.44	3.91	7.22	3.13	4.93	3.95	10.62	1.52	3.22	5.17	1.29	1.29
12	1.94	3.54	7.22	3.44	5.26	4.15	10.69	1.36	4.05	5.51	1.56	1.17
13	1.49	3.10	7.40	3.89	5.60	4.22	10.51	1.57	4.50	6.17	1.79	1.25
14	1.38	3.13	7.53	3.45	5.80	3.86	10.21	1.66	5.06	6.82	2.05	1.34
15	1.12	3.17	7.66	3.46	5.49	3.28	9.79	1.60	5.45	---	2.04	1.48
16	1.11	3.11	7.81	3.84	5.23	3.17	9.24	1.38	5.76	8.12	1.92	1.63
17	1.20	2.62	7.93	3.96	5.08	2.80	8.56	1.34	5.91	8.74	1.94	1.38
18	1.59	---	7.99	4.13	4.92	2.99	7.86	1.35	6.03	9.05	2.02	1.37
19	1.89	2.36	7.96	4.11	4.71	3.08	7.14	1.31	6.05	9.06	1.90	1.20
20	1.63	2.21	7.77	3.92	4.39	3.05	6.40	1.34	5.92	8.88	1.78	1.08
21	1.86	2.16	7.48	3.68	3.88	3.04	5.64	1.11	5.45	8.48	1.61	0.93
22	2.36	1.98	7.09	3.28	3.37	3.09	4.88	1.46	4.60	7.86	1.63	2.17
23	2.70	2.62	6.67	2.01	3.25	2.97	4.18	1.53	3.60	7.12	1.55	3.08
24	2.51	3.83	5.88	1.83	3.51	3.09	3.41	1.33	2.70	6.30	1.51	3.35
25	2.64	4.30	5.43	1.73	3.52	3.67	3.00	1.04	2.00	5.43	1.38	3.54
26	3.05	4.81	5.26	1.83	4.02	4.09	2.84	1.19	1.60	4.50	1.29	2.90
27	3.21	5.65	5.09	1.34	---	4.60	2.58	1.35	1.42	3.55	1.51	2.55
28	3.12	6.25	4.91	1.64	---	4.71	2.62	1.29	1.21	2.80	2.45	3.40
29	2.68	6.84	4.72	2.13	---	4.96	3.04	1.24	1.30	2.28	5.12	3.56
30	2.35	7.41	4.30	2.06	---	5.38	3.25	1.51	1.16	2.15	5.57	3.29
31	2.28	---	3.77	2.23	---	5.80	---	1.71	---	2.28	4.03	---
MEAN	1.92	---	7.11	2.73	---	4.02	7.27	---	3.82	---	2.04	2.29
MAX	3.21	---	9.09	4.13	---	5.80	10.92	---	6.05	---	5.57	3.56
MIN	1.07	---	3.77	1.34	---	2.80	2.58	---	1.16	---	1.20	0.93

02471001 CHICKASAW CREEK NEAR KUSHLA, AL

LOCATION.--Lat 30°48'10", long 88°08'36", in SE ¼ NE ¼ sec. 11, T. 3 S., R. 2 W., Mobile County, Hydrologic Unit 03160204, on left bank at upstream side of highway bridge, 0.7 mi upstream from Seabury Creek, 1.4 mi southeast of Kushla, 7 mi northwest of Mobile, and at mile 12.2.

DRAINAGE AREA.--125 mi².

PERIOD OF RECORD.--October 1951 to current year. Prior to October 1968, published as 02471000, Chickasaw Creek "near Whistler."

REVISED RECORDS.--WSP 1434: Drainage area. WDR AL-01-1: 1955 (M).

GAGE.--Water-stage recorder. Datum of gage is 3.85 ft above NGVD of 1929. Prior to Aug. 2, 1964, water-stage recorder, Aug. 3, 1964, to Dec. 9, 1965, nonrecording gage, and Dec. 10, 1965, to September 1968, water-stage recorder at site 1.4 mi upstream at different datum.

REMARKS.--Estimated daily discharges: Feb. 27; Sep. 22. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	2300	*6,520	*17.60	Jul 7	0900	3,380	15.10
Apr 7	1200	2,250	13.26	Jul 11	2300	1,810	12.28
Apr 13	0600	1,740	12.10	Jul 16	2000	1,560	11.59
May 1	0200	1,750	12.12	Aug 30	1900	3,140	14.77

Minimum discharge, 92 ft³/s, May 29, gage height, 2.96 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	124	103	400	175	585	204	3,500	1,530	952	109	373	1,110
2	121	106	360	170	940	173	4,760	811	914	108	452	859
3	119	380	283	164	1,010	197	1,510	429	438	102	662	523
4	117	857	246	160	612	308	693	330	274	98	949	407
5	114	435	285	159	378	253	518	288	208	111	626	374
6	119	238	514	166	302	196	655	260	181	1,420	597	310
7	132	179	480	171	268	174	2,020	242	200	2,880	415	279
8	119	155	431	315	250	177	1,230	227	385	883	324	257
9	130	140	428	609	254	170	643	212	286	448	273	240
10	242	130	590	388	359	152	494	200	204	706	252	225
11	420	233	398	266	295	145	424	192	403	1,700	375	212
12	345	399	293	229	236	139	1,090	180	1,180	1,320	272	199
13	218	330	257	227	216	133	1,500	166	795	969	234	188
14	165	237	233	347	248	133	676	157	356	784	230	181
15	149	189	211	309	238	136	469	173	276	586	218	176
16	139	164	202	233	213	336	394	201	514	1,400	212	171
17	129	149	198	199	195	366	347	168	457	1,110	234	168
18	122	141	193	182	179	251	315	146	496	589	213	167
19	127	143	187	175	165	196	290	136	304	404	182	163
20	151	170	179	174	161	176	278	131	228	333	165	158
21	155	306	173	173	163	248	271	134	188	293	208	151
22	141	280	205	168	164	262	257	154	163	275	238	e145
23	148	209	461	159	164	310	249	135	146	254	494	194
24	140	378	382	150	206	241	375	120	132	323	557	372
25	134	767	271	148	272	191	286	111	126	424	292	840
26	128	418	243	151	260	186	327	104	120	265	238	886
27	122	455	219	150	e216	405	449	99	113	263	187	469
28	118	1,070	200	147	232	501	328	95	109	234	171	298
29	114	541	190	177	---	313	255	93	107	423	909	258
30	109	342	184	190	---	227	852	143	109	447	2,670	233
31	105	---	179	175	---	265	---	388	---	452	1,940	---
TOTAL	4,716	9,644	9,075	6,606	8,781	7,164	25,455	7,755	10,364	19,713	15,162	10,213
MEAN	152	321	293	213	314	231	848	250	345	636	489	340
MAX	420	1,070	590	609	1,010	501	4,760	1,530	1,180	2,880	2,670	1,110
MIN	105	103	173	147	161	133	249	93	107	98	165	145
CFSM	1.22	2.57	2.34	1.70	2.51	1.85	6.79	2.00	2.76	5.09	3.91	2.72
IN.	1.40	2.87	2.70	1.97	2.61	2.13	7.58	2.31	3.08	5.87	4.51	3.04

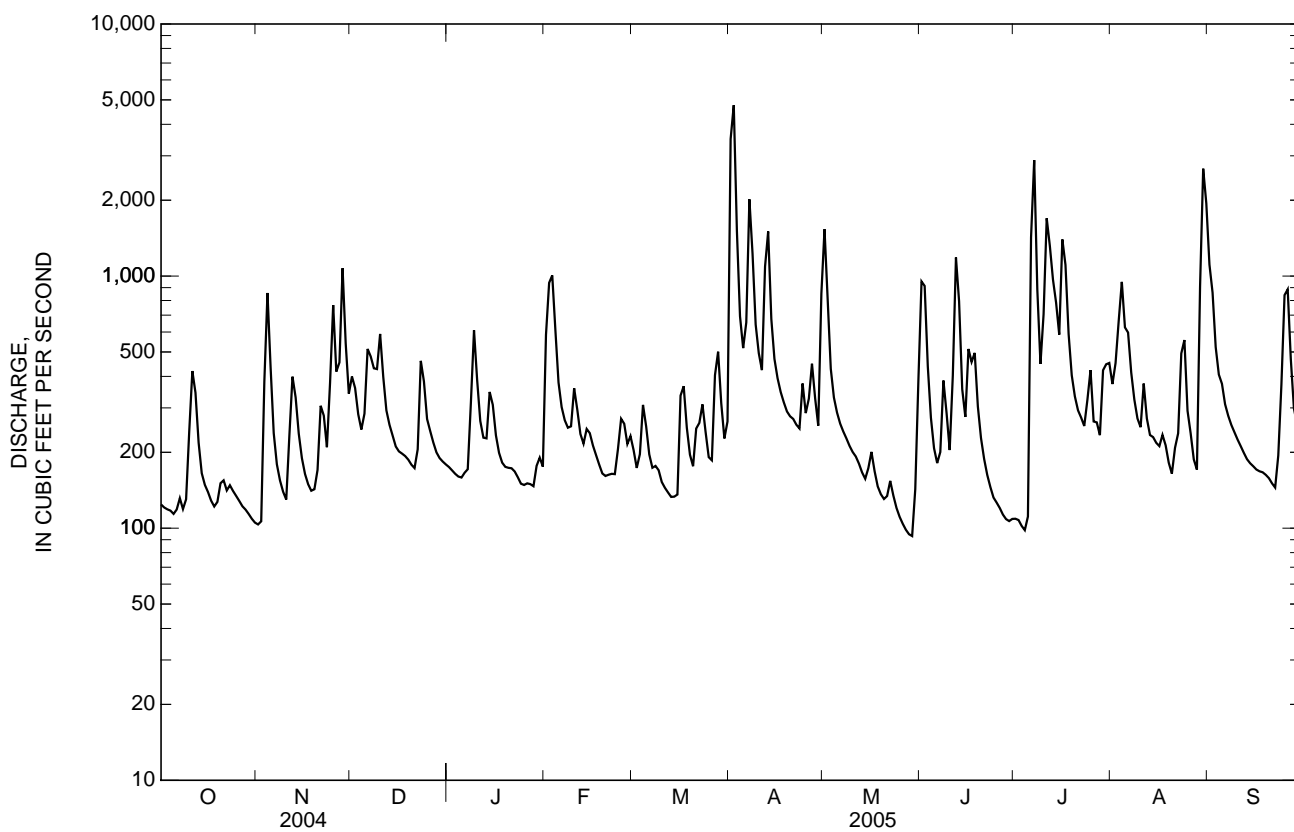
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2005, BY WATER YEAR (WY)

MEAN	166	206	271	351	395	408	379	258	219	228	220	221
MAX	742	1,021	761	986	769	1,082	1,792	1,156	1,039	769	941	1,255
(WY)	(1976)	(1962)	(1962)	(1998)	(1997)	(1990)	(1955)	(1991)	(1959)	(1997)	(1975)	(1998)
MIN	22.5	52.5	114	120	84.2	84.5	78.2	35.6	38.5	33.6	29.0	30.0
(WY)	(2001)	(1964)	(2000)	(2000)	(2000)	(1955)	(2000)	(2000)	(2000)	(2000)	(1954)	(1954)

02471001 CHICKASAW CREEK NEAR KUSHLA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1952 - 2005	
ANNUAL TOTAL	103,778		134,648		276	
ANNUAL MEAN	284		369		495	
HIGHEST ANNUAL MEAN					79.6	
LOWEST ANNUAL MEAN					1980	
HIGHEST DAILY MEAN	3,370	May 1	4,760	Apr 2	17,700	Apr 13, 1955
LOWEST DAILY MEAN	73	May 30	93	May 29	16	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	81	May 25	106	Jun 28	19	Aug 26, 2000
MAXIMUM PEAK FLOW			6,520	Apr 1	35,000	Apr 13, 1955
MAXIMUM PEAK STAGE			17.60	Apr 1	24.00	Apr 13, 1955
ANNUAL RUNOFF (CFSM)	2.27		2.95		2.21	
ANNUAL RUNOFF (INCHES)	30.88		40.07		30.02	
10 PERCENT EXCEEDS	526		730		540	
50 PERCENT EXCEEDS	177		237		168	
90 PERCENT EXCEEDS	104		130		68	

e Estimated



02471019 TENSAW RIVER NEAR MT VERNON, AL

LOCATION.--Lat 31°04'01", long 87°57'31", in SW ¼ sec. 43, T. 1 N., R. 1 E., Mobile County, Hydrologic Unit 03160204, 2.0 mi downstream of the Old Fort Stoddard Boat Landing in Mt. Vernon, and ¼ mi downstream of the Mobile River / Tensaw River split.

DRAINAGE AREA.--Approximately 42,900 mi².

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Non-recording gage. Discharge is computed using a regression equation based on the discharge at station 02470629 Mobile River at river mile 31.0 at Bucks.

REMARKS.--Estimated daily discharges: Feb. 5-11, and July 7- Aug. 25. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Minimum discharge -1,110 ft³/s, Sep. 16, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 72,100 ft³/s, Feb. 14; minimum discharge, -1,110 ft³/s, Sept. 16.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10,300	10,300	45,600	27,800	39,800	60,400	12,400	15,200	10,100	36,500	e14,000	10,800
2	9,740	9,320	48,100	30,500	36,000	57,800	12,900	18,100	16,900	39,000	e12,200	9,350
3	7,780	8,410	45,200	28,900	31,900	54,800	13,900	22,500	21,100	41,600	e11,800	8,790
4	8,600	6,180	40,700	25,100	27,000	51,200	14,400	25,700	23,600	42,600	e12,600	9,450
5	8,410	7,920	36,100	23,700	e26,100	48,800	12,400	27,400	21,500	42,800	e13,300	10,500
6	7,650	10,800	32,300	22,900	e32,600	48,000	10,900	26,100	20,200	42,300	e13,200	12,500
7	6,990	12,100	28,100	25,900	e40,700	48,100	10,500	22,900	18,800	e40,800	e12,000	6,600
8	8,580	11,600	23,700	30,800	e47,600	48,700	9,760	17,700	18,400	e37,400	e8,210	5,750
9	8,820	11,500	18,600	33,600	e53,500	50,600	10,500	11,600	19,600	e33,700	e5,230	6,590
10	8,040	8,580	20,100	35,300	e59,500	53,800	13,000	9,800	20,400	e28,900	e2,260	6,370
11	11,500	9,600	20,100	34,400	e65,000	55,400	14,900	9,880	17,900	e25,800	e6,080	5,300
12	14,800	10,300	20,400	33,500	68,100	56,200	16,000	8,370	15,200	e23,400	e10,200	5,350
13	15,100	13,200	21,700	31,800	70,200	56,300	21,000	9,820	12,900	e21,300	e10,800	5,320
14	13,900	8,980	24,600	28,900	70,200	55,900	23,100	11,900	9,020	e20,500	e10,800	7,420
15	11,900	9,230	24,800	25,900	66,400	52,900	24,000	13,700	11,000	e17,400	e8,780	11,200
16	10,400	8,720	22,900	22,300	58,300	47,800	23,500	13,300	19,000	e15,600	e8,490	13,900
17	10,100	7,890	22,700	18,800	51,600	42,800	22,400	13,200	20,700	e15,600	e6,230	32,600
18	10,300	7,910	20,500	18,600	48,600	38,700	19,600	14,000	19,100	e14,300	e4,810	39,600
19	11,000	15,000	20,100	21,100	49,900	35,300	15,900	14,000	18,500	e13,300	e5,800	35,900
20	10,500	18,200	20,000	21,900	53,900	31,000	13,300	15,700	17,700	e13,000	e6,230	41,400
21	9,060	22,800	20,100	23,700	58,100	26,900	11,500	15,500	14,800	e13,300	e6,650	43,700
22	9,740	25,200	17,600	24,400	59,700	23,700	11,400	14,000	12,400	e13,900	e10,200	41,300
23	9,370	24,400	14,300	23,100	57,900	19,600	11,000	13,200	11,200	e12,600	e10,200	37,300
24	9,270	24,900	16,600	20,600	55,500	17,600	10,200	11,400	12,900	e10,500	e11,500	29,300
25	8,600	19,300	18,800	16,400	54,100	15,400	10,400	10,500	16,500	e7,930	e12,000	29,600
26	9,400	19,500	22,100	18,000	54,100	14,300	12,600	10,500	19,700	e10,100	10,600	34,000
27	10,100	20,200	22,400	28,400	57,100	12,500	14,100	9,880	23,300	e9,060	11,100	27,200
28	11,600	26,500	20,300	35,100	59,800	11,800	14,000	9,010	27,100	e10,500	11,900	20,300
29	12,100	35,300	16,000	41,100	60,900	10,600	13,400	9,080	30,900	e13,900	12,300	15,600
30	11,600	41,400	18,400	43,700	---	10,900	17,000	8,160	34,100	e16,000	12,400	14,800
31	11,000	---	22,600	42,600	---	14,700	---	9,600	---	e15,300	11,800	---
MEAN	10,200	15,510	24,690	27,700	52,210	37,820	14,670	14,250	18,480	22,540	9,796	19,260
MAX	15,100	41,400	48,100	43,700	70,200	60,400	24,000	27,400	34,100	42,800	14,000	43,700
MIN	6,990	6,180	14,300	16,400	26,100	10,600	9,760	8,160	9,020	7,930	2,260	5,300

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2004, BY WATER YEAR (WY)

MEAN	10,200	15,510	24,690	27,700	52,210	37,820	14,670	14,250	18,480	22,540	9,796	19,260
MAX	10,200	15,510	24,690	27,700	52,210	37,820	14,670	14,250	18,480	22,540	9,796	19,260
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)
MIN	10,200	15,510	24,690	27,700	52,210	37,820	14,670	14,250	18,480	22,540	9,796	19,260
(WY)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)

SUMMARY STATISTICS

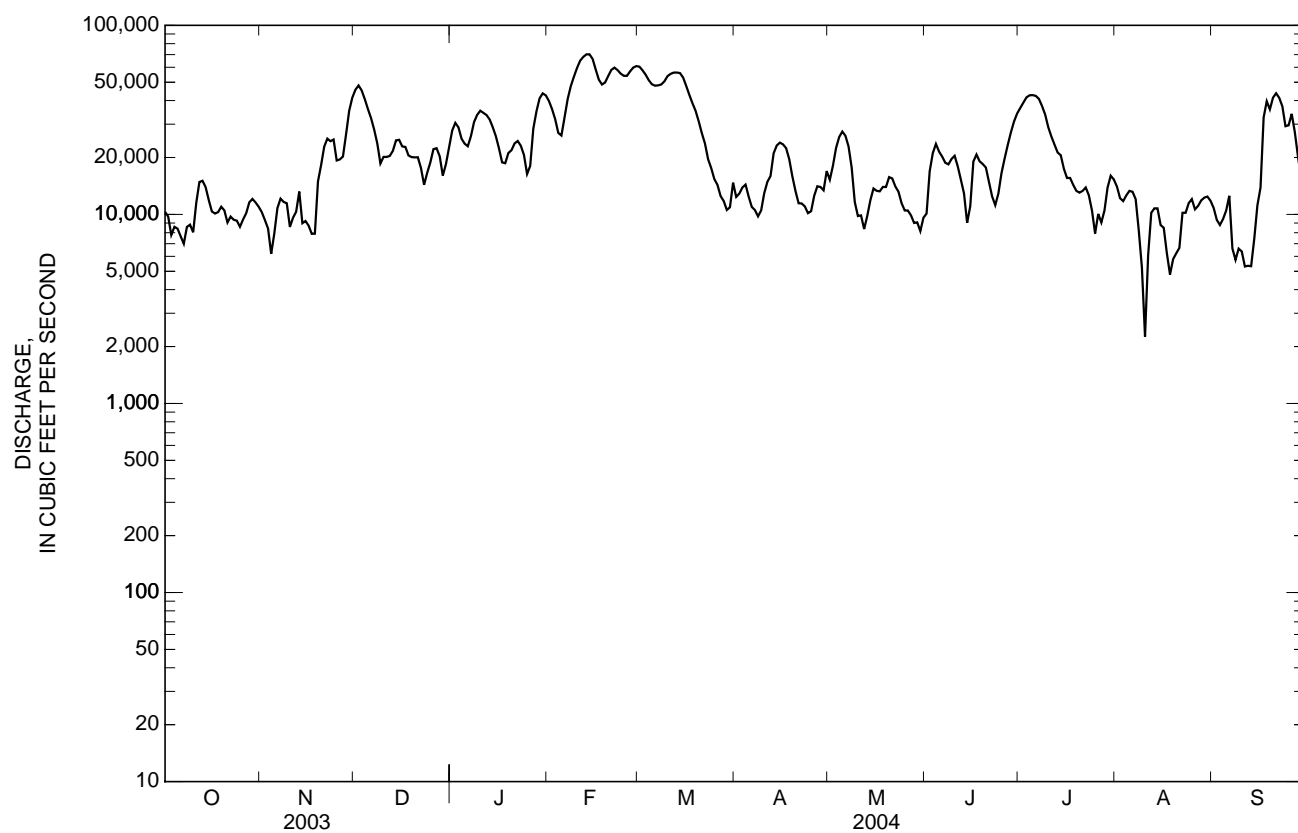
FOR 2004 WATER YEAR

ANNUAL MEAN	22,160	
HIGHEST DAILY MEAN	70,200	Feb 13
LOWEST DAILY MEAN	2,260	Aug 10
ANNUAL SEVEN-DAY MINIMUM	5,900	Sep 7
MAXIMUM PEAK FLOW	72,100	Feb 14
10 PERCENT EXCEEDS	48,000	
50 PERCENT EXCEEDS	16,800	
90 PERCENT EXCEEDS	8,760	

e Estimated

MOBILE RIVER BASIN

02471019 TENSAW RIVER NEAR MT VERNON, AL—Continued



02471019 TENSAW RIVER NEAR MT VERNON, AL

LOCATION.--Lat 31°04'01", long 87°57'31", in SW ¼ sec. 43, T. 1 N., R. 1 E., Mobile County, Hydrologic Unit 03160204, 2.0 mi downstream of the Old Fort Stoddard Boat Landing in Mt. Vernon, and ¼ mi downstream of the Mobile River / Tensaw River split

DRAINAGE AREA.--Approximately 42,900 mi².

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Non-recording gage. Discharge is computed using a regression equation based on the discharge at station 02470629 Mobile River at river mile 31.0 at Bucks.

REMARKS.--Estimated daily discharges: Nov. 18, Nov. 29 - Dec. 22, Feb. 27-28, Apr. 2-19, May 3-5, July 14-23, Aug. 9-18, and 30. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Minimum discharge -6,340 ft³/s, Aug. 29, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 67,500 ft³/s, Nov. 30; minimum discharge, -6,340 ft³/s, Aug. 29.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13,900	12,500	e64,600	30,400	23,000	46,900	55,700	30,200	18,700	9,550	23,800	32,500
2	11,900	11,600	e62,100	28,300	25,400	47,600	e60,300	34,300	28,200	10,000	22,000	33,000
3	8,650	15,300	e56,600	26,500	36,500	48,100	e64,200	e37,900	36,600	10,100	20,400	33,600
4	9,170	24,700	e53,900	22,400	43,700	47,600	e62,000	e39,200	41,100	9,120	19,300	33,700
5	8,690	35,500	e53,100	19,400	48,400	46,100	e51,400	e35,700	43,800	7,680	18,500	32,500
6	7,310	42,600	e55,200	19,900	50,600	42,800	e48,100	31,100	44,300	8,200	18,600	29,500
7	7,270	45,600	e57,700	19,300	50,100	37,500	e53,400	27,000	40,700	24,200	19,400	25,200
8	8,050	47,200	e58,400	20,600	46,300	32,100	e57,300	22,700	34,600	30,400	17,100	18,100
9	7,420	&40,200	e59,300	24,300	42,300	31,100	e58,900	18,700	29,200	33,900	e15,300	14,300
10	7,480	&33,000	e59,700	29,100	43,600	35,600	e59,900	17,500	27,600	36,300	e14,600	12,400
11	10,200	&23,100	e61,700	31,400	47,900	38,900	e59,100	15,300	29,600	39,700	e19,900	11,600
12	10,900	&22,700	e63,800	31,000	51,500	40,700	e57,000	13,500	34,300	50,300	e26,100	9,640
13	12,600	&21,800	e63,600	30,900	52,200	39,200	e54,700	14,700	42,200	58,100	e30,800	8,050
14	11,700	&22,300	e64,000	34,600	50,400	36,300	e52,100	13,800	48,700	e63,400	e28,700	7,810
15	10,300	&18,100	e64,500	38,200	46,800	31,900	e49,300	14,300	52,700	e65,300	e26,500	8,650
16	9,400	&25,700	e63,700	42,700	45,400	29,400	e52,100	14,400	55,200	e64,000	e24,000	9,150
17	9,260	25,600	e62,200	45,300	45,700	29,700	e53,900	14,500	55,700	e56,300	e20,800	9,530
18	8,320	e20,800	e61,600	44,900	45,600	31,000	e55,000	15,000	55,900	e51,100	e19,400	10,200
19	8,460	19,200	e60,100	41,700	43,100	31,100	e52,300	14,600	55,700	e49,800	18,800	8,330
20	10,500	20,400	e61,000	38,400	39,200	30,100	48,300	12,000	53,400	e50,000	19,000	7,380
21	16,600	19,900	e59,500	34,700	33,800	28,700	44,000	13,300	46,800	e52,200	18,100	7,820
22	22,500	18,000	e55,500	30,900	30,700	26,800	39,100	13,900	38,300	e54,100	18,000	5,860
23	24,000	23,600	51,100	29,400	31,000	26,700	35,800	13,400	30,400	e52,000	16,300	5,460
24	22,900	32,000	50,000	24,300	33,400	31,100	32,800	12,100	22,800	48,300	15,000	6,850
25	26,500	42,800	49,300	20,700	37,000	35,800	29,300	11,500	18,100	44,100	14,000	10,300
26	30,200	50,100	49,100	18,400	40,900	38,600	24,500	12,000	13,400	38,100	13,600	17,100
27	30,500	55,400	48,800	18,700	e43,700	40,200	23,000	11,900	12,100	32,300	14,000	25,100
28	26,700	60,800	46,800	16,900	e45,600	43,300	24,300	10,300	8,910	27,600	10,700	31,700
29	21,900	e64,800	43,400	18,700	---	47,400	25,800	10,800	9,400	24,500	e1,530	33,000
30	16,400	e65,700	39,100	21,100	---	50,100	26,400	10,500	8,860	23,300	e25,400	32,300
31	14,100	---	33,900	22,500	---	51,600	---	13,800	---	23,700	29,900	---
MEAN	14,320	32,030	55,910	28,250	41,920	37,870	47,000	18,380	34,580	37,020	19,340	17,690
MAX	30,500	65,700	64,600	45,300	52,200	51,600	64,200	39,200	55,900	65,300	30,800	33,700
MIN	7,270	11,600	33,900	16,900	23,000	26,700	23,000	10,300	8,860	7,680	1,530	5,460

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

MEAN	12,260	23,770	40,300	27,970	47,160	37,850	30,830	16,320	26,530	29,780	14,570	18,470
MAX	14,320	32,030	55,910	28,250	52,210	37,870	47,000	18,380	34,580	37,020	19,340	19,260
(WY)	(2005)	(2005)	(2005)	(2005)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)
MIN	10,200	15,510	24,690	27,700	41,920	37,820	14,670	14,250	18,480	22,540	9,796	17,690
(WY)	(2004)	(2004)	(2004)	(2004)	(2005)	(2004)	(2004)	(2004)	(2004)	(2004)	(2004)	(2005)

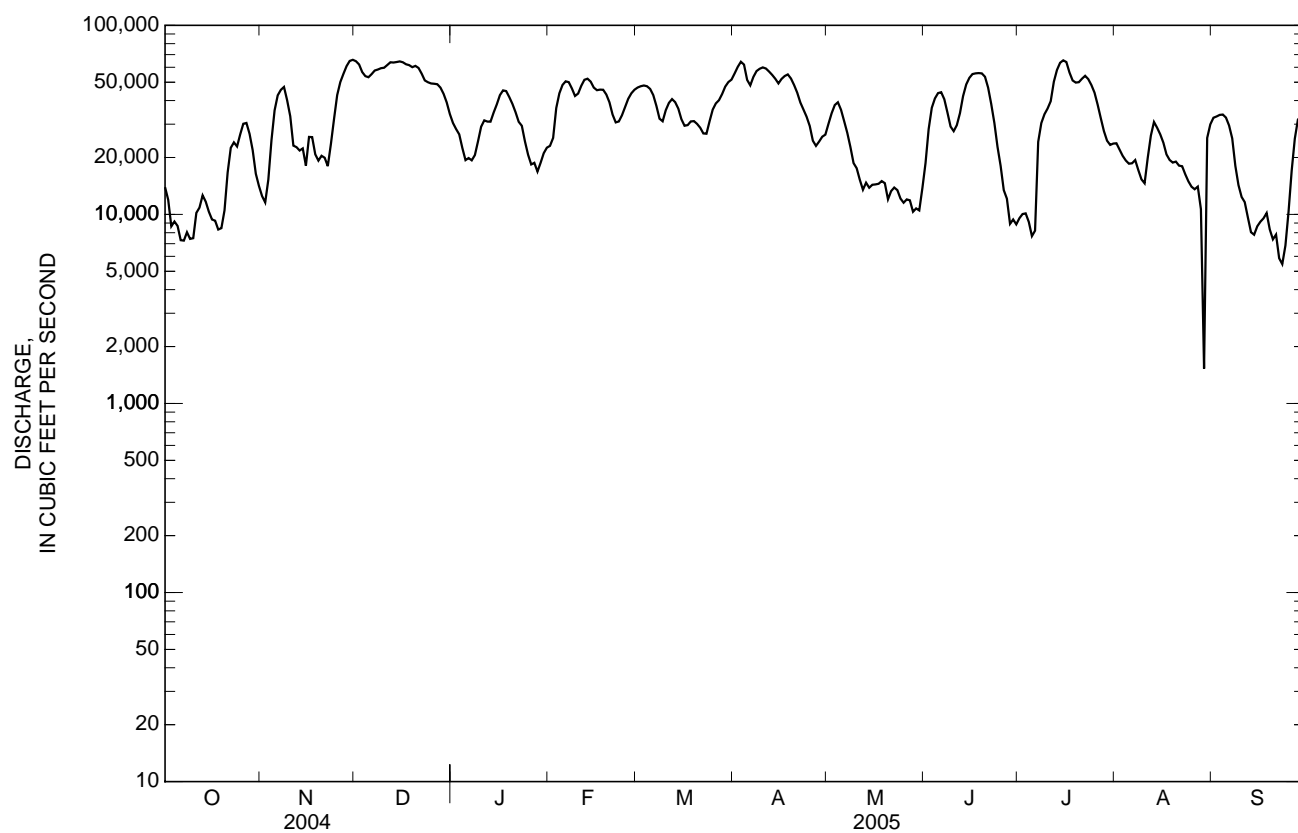
SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL MEAN	26,500		31,940		27,040	
HIGHEST ANNUAL MEAN					31,940	
LOWEST ANNUAL MEAN					22,160	
HIGHEST DAILY MEAN	70,200	Feb 13	65,700	Nov 30	70,200	Feb 13, 2004
LOWEST DAILY MEAN	2,260	Aug 10	1,530	Aug 29	1,530	Aug 29, 2005
ANNUAL SEVEN-DAY MINIMUM	5,900	Sep 7	7,410	Sep 18	5,900	Sep 7, 2004
MAXIMUM PEAK FLOW			67,500		Nov 30	
10 PERCENT EXCEEDS	56,400		55,700		53,500	
50 PERCENT EXCEEDS	20,400		30,400		22,700	
90 PERCENT EXCEEDS	9,140		10,300		9,260	

e Estimated

& Value was computed from affected unit values

MOBILE RIVER BASIN

02471019 TENSAW RIVER NEAR MT VERNON, AL—Continued



02471078 FOWL RIVER AT HALF MILE ROAD NEAR LAURENDINE, AL

LOCATION.--Lat 30°30'02", long 88°10'53", in NE ¼ sec. 28, T. 6 S., R. 2 W., Mobile County, Hydrologic Unit 03160205, at bridge on Half Mile Road about 1 mi west of Laurendine.

DRAINAGE AREA.--16.5 mi².

PERIOD OF RECORD.--March 1995 to current year.

REVISED RECORD.--WDR AL-97-1: 1995-96 (P). WDR AL-04-1: 2003.

GAGE.--Water-stage recorder. Datum of gage is 16.96 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Dec. 8, Feb. 27, and Apr. 1. Records poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	1230	*4,560	*11.24	Jul 6	1400	1,620	8.74
Apr 7	0400	872	7.72	Jul 11	0330	553	7.12
Apr 30	1830	2,290	9.46	Aug 29	2330	677	7.37

Minimum discharge, 20 ft³/s, on several days, gage height, 3.05 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25	22	32	25	66	34	e2,480	368	56	89	37	52
2	24	25	29	25	153	32	305	79	28	29	64	42
3	24	71	28	25	211	35	85	61	23	26	77	35
4	24	89	29	25	60	37	72	54	21	23	45	29
5	23	35	66	25	43	33	71	49	25	22	160	27
6	24	27	192	25	39	32	97	45	104	740	36	25
7	24	25	45	27	37	31	506	42	188	197	31	23
8	24	25	e38	37	37	34	110	36	51	56	29	23
9	28	24	38	32	37	31	75	36	42	67	27	23
10	55	23	40	27	39	30	65	33	40	161	26	22
11	98	59	30	26	35	30	49	31	73	333	25	22
12	40	58	28	25	33	30	75	29	175	67	26	21
13	30	30	27	26	34	29	67	27	57	41	25	21
14	27	27	26	29	51	30	50	26	38	49	25	21
15	28	25	26	25	40	30	47	35	29	174	25	21
16	26	25	25	24	36	87	45	36	29	55	36	21
17	25	24	25	23	34	66	44	28	28	39	32	20
18	25	24	25	23	32	38	40	27	29	33	41	20
19	25	30	25	23	32	34	40	26	30	30	27	25
20	25	35	25	23	32	33	41	26	29	29	28	32
21	24	60	24	23	32	33	40	26	26	28	28	27
22	24	113	36	23	32	32	40	25	25	31	30	22
23	24	67	47	23	33	32	37	25	24	40	31	24
24	24	92	31	22	41	30	35	24	23	31	30	54
25	25	74	28	22	40	30	35	24	22	30	42	84
26	24	35	31	23	34	31	81	23	22	29	27	54
27	24	45	28	23	e41	59	79	23	21	28	24	35
28	23	65	26	23	41	38	39	23	27	30	25	30
29	23	35	26	34	---	32	39	22	37	35	186	31
30	23	31	25	32	---	31	890	26	77	30	400	28
31	22	---	25	25	---	87	---	45	---	28	87	---
TOTAL	884	1,320	1,126	793	1,375	1,171	5,679	1,380	1,399	2,600	1,732	914
MEAN	28.5	44.0	36.3	25.6	49.1	37.8	189	44.5	46.6	83.9	55.9	30.5
MAX	98	113	192	37	211	87	2,480	368	188	740	400	84
MIN	22	22	24	22	32	29	35	22	21	22	24	20
CFSM	1.73	2.67	2.20	1.55	2.98	2.29	11.5	2.70	2.83	5.08	3.39	1.85
IN.	1.99	2.98	2.54	1.79	3.10	2.64	12.80	3.11	3.15	5.86	3.90	2.06

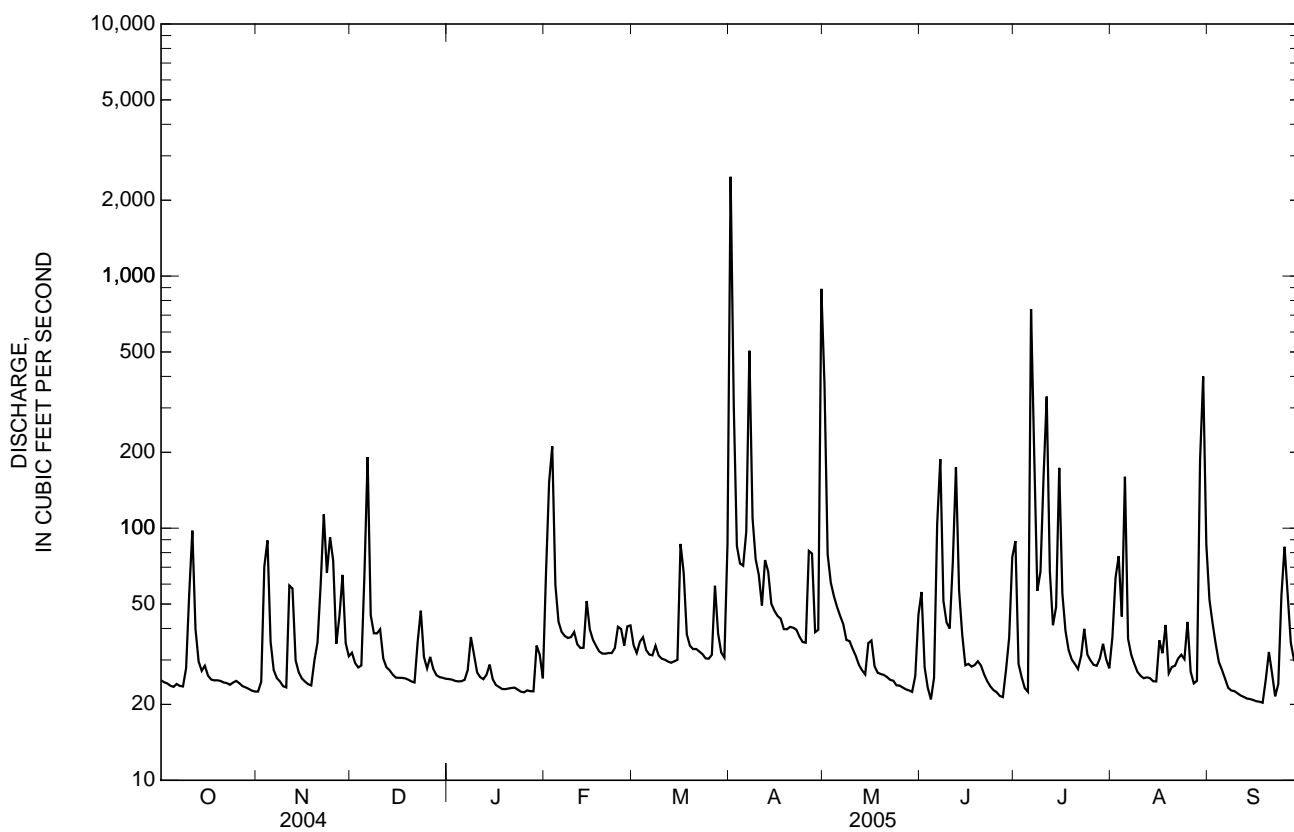
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	WY
1995	33.7	67.0	13.3	(2001)
1996	36.0	60.9	17.5	(2002)
1997	32.4	48.2	19.9	(2002)
1998	46.3	175	19.9	(2000)
1999	41.1	66.7	17.9	(2000)
2000	50.5	106	24.0	(2002)
2001	53.4	189	19.0	(2000)
2002	33.0	53.7	15.8	(2000)
2003	42.3	93.3	17.6	(2002)
2004	59.1	189	18.6	(2000)
2005	34.1	55.9	15.0	(2000)
2006	49.8	179	18.8	(2000)

02471078 FOWL RIVER AT HALF MILE ROAD NEAR LAURENDINE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1995 - 2005	
ANNUAL TOTAL	15,580		20,373		42.9	
ANNUAL MEAN	42.6		55.8		66.4	
HIGHEST ANNUAL MEAN					20.7	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	878	Sep 16	2,480	Apr 1	2,480	Apr 1, 2005
LOWEST DAILY MEAN	20	May 29	20	Sep 17	11	Aug 30, 2000
ANNUAL SEVEN-DAY MINIMUM	21	May 23	21	Sep 12	12	Aug 25, 2000
MAXIMUM PEAK FLOW			4,560	Apr 1	6,940	Jul 19, 1997
MAXIMUM PEAK STAGE			11.24	Apr 1	12.56	Jul 19, 1997
ANNUAL RUNOFF (CFSM)	2.58		3.38		2.60	
ANNUAL RUNOFF (INCHES)	35.13		45.93		35.30	
10 PERCENT EXCEEDS	67		76		56	
50 PERCENT EXCEEDS	29		31		28	
90 PERCENT EXCEEDS	24		23		18	

e Estimated



MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN

02399499 WEISS LAKE NEAR LEESBURG, AL

LOCATION.--Lat 34°10'19", long 85°45'14", in SE $\frac{1}{4}$ sec. 12, T. 10 S., R. 8 E., Cherokee County, Hydrologic Unit 03150105, about 75 ft upstream from centerline of left end of Weiss Dam on Coosa River on U.S. Highway 411, 1.2 mi east of Leesburg, 4 mi upstream from Yellow Creek, and at mile 226.1.

DRAINAGE AREA.--5,270 mi², approximately.

PERIOD OF RECORD.--March 1961 to current year.

GAGE.--Water-stage recorder with remote indicating gages, referenced to a vertical staff gage. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with five taintor gates 40 ft wide by 38 ft high. Storage began Mar. 28, 1961. Total capacity at elevation 564 ft is 360,400 acre-ft. Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 559,100 acre-ft, Apr. 8, 1977, elevation, 570.91 ft; minimum daily contents, 127,200 acre-ft, Jan. 1, 1970, elevation, 556.31 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily midnight contents, 305,200 acre-ft, May 15, elevation, 563.96 ft; minimum daily contents, 145,800 acre-ft, Dec. 30, elevation, 557.36 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	562.87	273,600	--	--
Oct. 31	561.11	227,100	-46,500	-757
Nov. 30	562.89	274,200	+47,100	+792
Dec. 31	557.37	146,000	-128,200	-2,090
CAL YR 2004			+2,200	+3
Jan. 31	559.09	180,400	+34,400	+560
Feb. 28	560.82	220,000	+39,600	+714
Mar. 31	562.72	269,400	+49,400	+804
Apr. 30	563.45	290,100	+20,700	+348
May 31	563.22	283,500	-6,600	-107
June 30	563.66	296,300	+12,800	+215
July 31	563.61	294,800	-1,500	-24
Aug. 31	562.49	263,100	-31,700	-516
Sept. 30	561.99	249,700	-13,400	-225
WTR YR 2005			-23,900	-33

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02401620 H. NEELY HENRY RESERVOIR NEAR GADSDEN, AL

LOCATION.--Lat 33°47'02", long 86°03'10", in N 1/2 sec. 31, T. 14 S., R. 6 E., Calhoun County, Hydrologic Unit 03150106, at forebay of Henry Dam on Coosa River, 16 mi south of Gadsden, and at mile 146.8.

DRAINAGE AREA.--6,596 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

PERIOD OF RECORD.--April 1966 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929(levels by Alabama Power Company).

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with six taintor gates 40 ft wide by 29 ft high. Storage began Feb. 23, 1966. Total capacity at elevation 508 ft is 120,850 acre-ft. Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 126,800 acre-ft, Oct. 19, 1966, elevation, 508.52 ft; minimum daily contents, 43,600 acre-ft, Feb. 13, 1997, elevation, 498.45 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 120,500 acre-ft, July 4, elevation, 507.97 ft; minimum daily contents, 69,400 acre-ft, Nov. 24, elevation, 502.46 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	506.64	106,300	--	--
Oct. 31	507.32	113,400	+7,100	+116
Nov. 30	505.81	98,000	-15,400	-259
Dec. 31	506.07	100,600	+2,600	+42
CAL YR 2004			-1,300	-2
Jan. 31	506.62	106,100	+5,500	+90
Feb. 28	506.35	103,300	-2,800	-50
Mar. 31	505.10	91,400	-11,900	-194
Apr. 30	507.57	116,100	+24,700	+415
May 31	506.94	109,400	-6,700	-109
June 30	507.54	115,800	+6,400	+108
July 31	507.78	118,400	+2,600	+42
Aug. 31	507.15	111,600	-6,800	-111
Sept. 30	507.33	113,500	+1,900	+32
WTR YR 2005			+7,200	+10

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02405200 LOGAN MARTIN RESERVOIR NEAR CHILDERSBURG, AL

LOCATION.--Lat 33°24'33", long 86°20'17", in NW $\frac{1}{4}$ sec. 33, T. 18 S., R. 3 E., St. Clair County, Hydrologic Unit 03150106, at Logan Martin Dam on Coosa River, 2 mi upstream from Kelly Creek, 10 mi north of Childersburg, and at mile 98.5.

DRAINAGE AREA.--7,743 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

PERIOD OF RECORD.--July 1964 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by a compacted earth dam with gated concrete spillway section. Spillway is equipped with six taintor gates 40 ft wide by 38 ft high and one stoney-type trash gate 20 ft wide by 22.5 ft high. Storage began June 21, 1964. Total capacity at elevation 465 ft (top of power pool) is 273,300 acre-ft of which 142,107 acre-ft is usable storage above elevation 452.5 ft (minimum pool). Reservoir is used for power development and flood control. Gage-height record and capacity tables furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 475,800 acre-ft, Apr. 6, 1977, elevation, 475.31 ft; minimum daily contents, 186,100 acre-ft, Oct. 17, 1972, elevation, 458.27 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 274,700 acre-ft, July 28, elevation, 465.09 ft; minimum daily, 194,700 acre-ft, Feb. 22, elevation, 459.05 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	464.18	261,000	--	--
Oct. 31	461.93	229,800	-31,200	-508
Nov. 30	462.26	234,200	+4,400	+74
Dec. 31	459.59	200,900	-33,300	-542
CAL YR 2004			+200	0
Jan. 31	459.75	202,800	+1,900	+31
Feb. 28	460.18	207,900	+5,100	+92
Mar. 31	460.92	216,900	+9,000	+146
Apr. 30	463.67	253,700	+36,800	+620
May 31	464.25	262,100	+8,400	+137
June 30	464.76	269,700	+7,600	+128
July 31	464.73	269,200	-500	-8
Aug. 31	463.97	258,000	-11,200	-182
Sept. 30	463.85	256,200	-1,800	-30
WTR YR 2005			-4,800	-7

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02407950 LAY LAKE NEAR CLANTON, AL

LOCATION.--Lat 32°57'54", long 86°31'03", in NE $\frac{1}{4}$ sec. 24, T. 23 N., R. 15 E., Chilton County, Hydrologic Unit 03150107, at Lay Dam on Coosa River, 0.5 mi upstream from Page Creek, 11 mi northeast of Clanton, and at mile 51.0.

DRAINAGE AREA.--9,053 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder with remote indicating gages. Prior to May 14, 1968, staff gage. Datum of gage is NGVD of 1929 (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum, 37.9 ft lower.

REMARKS.--Reservoir is formed by a concrete gravity-type dam equipped with 26 radial gates 30 ft wide by 17 ft high. The pool was filled on Jan. 4, 1968. Total capacity at elevation 396.0 ft (top of gates) is 262,774 acre-ft, of which 117,780 acre-ft is controlled storage above elevation 382.0 ft (minimum pool). Prior to May 14, 1968, reservoir was formed by a concrete gravity-type dam, completed April 1914. Dam was equipped with 26 vertical lift gates 30 ft wide by 14 ft high. Total capacity at elevation 382.0 ft was 144,994 acre-ft. Reservoir is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

02409400 MITCHELL LAKE NEAR CLANTON, AL

LOCATION.--Lat 32°48'30", long 86°26'30", in NE $\frac{1}{4}$ sec. 15, T. 21 N., R. 16 E., Chilton County, Hydrologic Unit 03150107, at Mitchell Dam on Coosa River, 5 mi downstream from Hatchet Creek, 11 mi southeast of Clanton, and at mile 36.8.

DRAINAGE AREA.--9,778 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Staff gage. Datum of gage is NGVD of 1929 (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum, 38.08 ft lower.

REMARKS.--Reservoir is formed by concrete gravity-type dam, completed August 1923, equipped with 26 radial gates 30 ft wide and 15 ft high. Total storage at elevation 311.9 ft (top of power pool) is 172,000 acre-ft, of which 33,300 acre-ft is usable storage above elevation 305.9 ft. Reservoir is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

02410400 JORDAN LAKE NEAR WETUMPKA, AL

LOCATION.--Lat 32°37'07", long 86°15'19", in N $\frac{1}{2}$ sec. 22, T. 19 N., R. 18 E., Elmore County, Hydrologic Unit 03150107, at Jordan Dam on Coosa River, 4 mi upstream from Pigeonroost Creek, 5 mi northwest of Wetumpka, and at mile 18.9.

DRAINAGE AREA.--10,102 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

GAGE.--Water-stage recorder with remote indicating gages. Prior to February 1967, staff gage. Datum of gage is NGVD of 1929 (levels by Alabama Power Co.). Prior to Jan. 1, 1966, at old Coosa River datum 38.0 ft lower.

REMARKS.--Reservoir, completed January 1929, is formed by a concrete arch-type dam equipped with 17 taintor gates 30 ft wide by 18 ft high and 18 taintor gates 34 ft wide and 8.1 ft high. Prior to Mar. 25, 1967, the dam was equipped with 17 radial gates 30 ft wide by 18 ft high and 642 ft open-crest spillway. Bouldin Hydro Plant (July 1, 1967 to Feb. 9, 1975, and Aug. 15, 1980 to current year). Lat 32°34'58", long 86°17'02", in SW $\frac{1}{4}$ sec. 32, T. 19 N., R. 18 E., Elmore County, also utilizes the water from Jordan Reservoir through a canal approximately 1 mi north of Jordan Dam joining the Bouldin Hydro Plant forebay with Jordan Reservoir. The discharge from Bouldin Hydro Plant flows through a 4.5 mi canal to the Coosa River at approximately 7 mi downstream from Wetumpka. There are no facilities at Bouldin Hydro Plant for releasing hydraulic flows in excess of generating capabilities of Jordan and Bouldin Hydro Plants. Total storage at elevation 252.0 ft is 236,200 acre-ft, of which 58,000 acre-ft is usable storage above elevation 242.0 ft. Reservoir is used for power development. Gage-height record and storage tables furnished by Alabama Power Co.

COMBINED LAY, MITCHELL, AND JORDAN LAKES

MONTHEND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Contents (acre-feet)	Change in contents	
		(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	660,100	--	--
Oct. 31	658,600	-1,500	-24
Nov. 30	664,800	+6,200	+104
Dec. 31	664,100	-700	-11
CAL YR 2004		+2,500	+3
Jan. 31	662,500	-1,600	-26
Feb. 28	653,900	-8,600	-155
Mar. 31	649,700	-4,200	-68
Apr. 30	664,500	+14,800	+249
May 31	657,500	-7,000	-114
June 30	661,800	+4,300	+72
July 31	664,200	+2,400	+39
Aug. 31	660,800	-3,400	-55
Sept. 30	640,200	-20,600	-346
WTR YR 2005		-19,900	-28

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02413950 HARRIS RESERVOIR NEAR WEDOWEE, AL

LOCATION.--Lat 33°15'37", long 85°37'00", in NW $\frac{1}{4}$ sec. 28, T. 20 S., R. 10 E., Randolph County, Hydrologic Unit 03150109, formed by Harris Dam constructed across the Tallapoosa River, 0.8 mi upstream of Crooked Creek, 7 mi west of Wedowee, and at mile 139.0.

DRAINAGE AREA.--1,453 mi², approximately.

PERIOD OF RECORD.--April 1983 to current year.

GAGE.--Remote water stage recorder and indicating gages, referenced to vertical staff gage. Datum of gage is NGVD of 1929 (levels by Alabama Power Company).

REMARKS.--Reservoir is formed by a compacted earth dam with a concrete gated spillway section. Spillway is equipped with six radial gates 40 ft wide and 40.4 ft high. Storage began Oct. 27, 1982. Surface area at elevation 793.0 ft (top of power pool) is 10,660 acres. Total storage at elevation 793.0 ft is 425,700 acre-ft of which 207,300 acre-ft is usable storage above elevation 768.0 ft. Reservoir is used for power development and flood control. Gage height and capacity table furnished by Alabama Power Company.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 438,100 acre-ft, May 7, 2003, elevation, 794.15 ft; minimum daily contents, 299,600 acre-ft, Nov. 7, 2000, elevation, 779.40 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 424,800 acre-ft, May 9, elevation, 792.91 ft; minimum daily, 327,900 acre-ft, Jan. 15, elevation 782.81 ft..

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	790.88	403,600	--	--
Oct. 31	788.32	378,200	-25,400	-413
Nov. 30	784.46	342,400	-35,800	-602
Dec. 31	783.86	337,100	-5,300	-86
CAL YR 2004			-2,900	-4
Jan. 31	783.94	337,800	+700	+11
Feb. 28	784.50	342,700	+4,900	+88
Mar. 31	786.89	355,300	+12,600	+205
Apr. 30	791.77	412,800	+57,500	+967
May 31	792.86	424,200	+11,400	+186
June 30	792.60	421,500	-2,700	-45
July 31	792.50	420,400	-1,100	-18
Aug. 31	790.55	400,300	-20,100	-327
Sept. 30	788.06	375,700	-24,600	-414
WTR YR 2005			-27,900	-39

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02417500 LAKE MARTIN NEAR TALLASSEE, AL

LOCATION.--Lat 32°40'41", long 85°54'30", in sec. 36, T. 20 N., R. 21 E., Tallapoosa County, Hydrologic Unit 03150109, at forebay of Martin Dam on Tallapoosa River, 5 mi upstream from Sougahatchee Creek, 10 mi north of Tallassee, and at mile 60.6.

DRAINAGE AREA.--2,984 mi².

REVISED RECORDS.--WDR AL-84-1: Drainage area.

PERIOD OF RECORD.--October 1927 to current year.

GAGE.--Remote indicating gage referenced to wire weight gage. Datum of gage is NGVD of 1929 (levels by Alabama Power Co.), adjustment unknown.

REMARKS.--Lake is formed by a combination arch and gravity concrete dam with a riprap earth embankment on left or east end. Spillway is equipped with 20 modified stoney-type gates, 30 ft wide and 16 ft high. Storage began in the summer of 1926, and the powerhouse was completed in the summer of 1927. Total capacity at elevation 490.00 ft (top of gates) is 1,622,000 acre-ft, of which 1,375,000 acre-ft is controlled storage above elevation 430.00 ft (minimum pool). Lake is used for power development. Gage-height record and capacity table furnished by Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents since Oct. 1, 1940, 1,648,900 acre-ft, Apr. 14, 1979, elevation, 490.69 ft; minimum daily, 555,000 acre-ft, June 29, 1941, elevation 452.12 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 1,613,700 acre-ft, July 7, elevation, 489.78 ft; minimum daily, 1,236,500 acre-ft, Jan. 13, elevation, 479.29 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	487.00	1,507,500	--	--
Oct. 31	485.40	1,448,300	-59,200	-964
Nov. 30	483.09	1,365,700	-82,600	-1,390
Dec. 31	479.62	1,247,400	-118,300	-1,930
CAL YR 2004			+3,000	+4
Jan. 31	479.66	1,248,700	+1,300	+21
Feb. 28	482.80	1,355,500	+106,800	+1,920
Mar. 31	488.86	1,578,000	+222,500	+3,620
Apr. 30	489.67	1,609,400	+31,400	+528
May 31	489.30	1,595,000	-14,400	-234
June 30	489.04	1,585,000	-10,000	-168
July 31	489.24	1,592,700	+7,700	+125
Aug. 31	488.38	1,559,600	-33,100	-539
Sept. 30	486.55	1,490,700	-68,900	-1,160
WTR YR 2005			-16,800	-23

MOBILE RIVER BASIN

LAKES AND RESERVOIRS IN MOBILE RIVER BASIN--Continued

02451950 LEWIS SMITH RESERVOIR NEAR JASPER, AL

LOCATION.--Lat 33°56'26", long 87°06'28", in W $\frac{1}{2}$ sec. 6, T. 13 S., R. 5 W., Walker County, Hydrologic Unit 03160110, at forebay of Lewis Smith Dam on Sipsey Fork of Mulberry Fork of Black Warrior River, 1.2 mi downstream from Ryan Creek, 2.5 mi upstream from Mill Creek, 2.5 mi upstream from State Highway 69, 14 mi northwest of Jasper, and at mile 13.5.

DRAINAGE AREA.--945 mi².

PERIOD OF RECORD.--October 1960 to current year.

GAGE.--Water-stage recorder with remote indicating gages. Datum of gage is NGVD of 1929 (levels by Alabama Power Co.), adjustment unknown.

REMARKS.--Reservoir is formed by an earth and rock-fill dam 300 ft high and 2,200 ft long with fixed crest spillway 956 ft long. Storage began Oct. 3, 1960. Capacity at elevation 522 ft (crest of spillway) is 1,670,700 acre-ft. Storage of 394,000 acre-ft is provided between elevations of 488 ft and 510 ft for power generation. Approximately 281,000 acre-ft of storage for flood control is provided between elevations of 510 ft and 522 ft. Reservoir is used for power development and flood control. Gage-height record and capacity table furnished by the Alabama Power Co.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily contents, 1,649,500 acre-ft, Mar. 19, 1973, elevation, 521.17 ft; minimum daily since reservoir was filled to elevation 510.00 ft operating pool (Jan. 6, 1962), 1,008,400 acre-ft, Dec. 2, 1971, elevation, 488.84 ft.

EXTREMES FOR CURRENT YEAR.--Maximum daily contents, 1,572,100 acre-ft, Mar. 7, elevation, 518.04 ft; minimum daily, 1,127,900 acre-ft, Oct. 18, elevation, 496.25 ft.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (acre-feet)	Change in contents	
			(acre-feet)	(equivalent in cubic feet per second)
Sept. 30	498.04	1,158,900	--	--
Oct. 31	499.16	1,178,700	+19,800	+322
Nov. 30	507.50	1,338,000	+159,300	+2,680
Dec. 31	505.61	1,300,000	-38,000	-619
CAL YR 2004			+178,200	+246
Jan. 31	499.31	1,181,400	-118,600	-1,930
Feb. 28	504.38	1,275,900	+94,500	+1,700
Mar. 31	506.98	1,327,400	+51,500	+838
Apr. 30	509.13	1,371,700	+44,300	+745
May 31	508.99	1,368,800	-2,900	-47
June 30	508.00	1,348,200	-20,600	-346
July 31	506.91	1,326,000	-22,200	-361
Aug. 31	502.16	1,233,600	-92,400	-1,500
Sept. 30	498.22	1,162,100	-71,500	-1,200
WTR YR 2005			+3,200	+4

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS

LOCATION.--Lat 30°48'12", long 88°27'31", in SW ¼ SW ¼ sec. 2, T. 3 S., R. 5 W., George County, Miss., Hydrologic Unit 03170008, near left bank on downstream side of bridge on County Road 612, 2.5 mi west of Alabama-Mississippi State line, 3.7 mi east of Agricola, Miss., 4.8 mi downstream of old gage at Escatawpa River near Wilmer, Ala, and 6.7 mi west of Wilmer.

DRAINAGE AREA.--562 mi².

PERIOD OF RECORD.--October 1973 to current year.

REVISED RECORD.--WDR AL-84-1: Drainage area. WDR AL-98-1: 1983.

GAGE.--Water-stage recorder. Datum of gage is 46.00 ft above NGVD of 1929.

REMARKS.--No estimated daily discharge. Records fair.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 1929 reached an elevation of approximately 72 ft above sea level, as determined from historical data. Peak discharge of this flood is unknown but probably has not been exceeded since 1929.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 5,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 2	0700	*9,400	*16.86	Aug 31	1000	7,550	16.04
Jul 8	0400	7,980	16.25				

Minimum discharge, 201 ft³/s, Oct. 8, gage height, 2.69 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

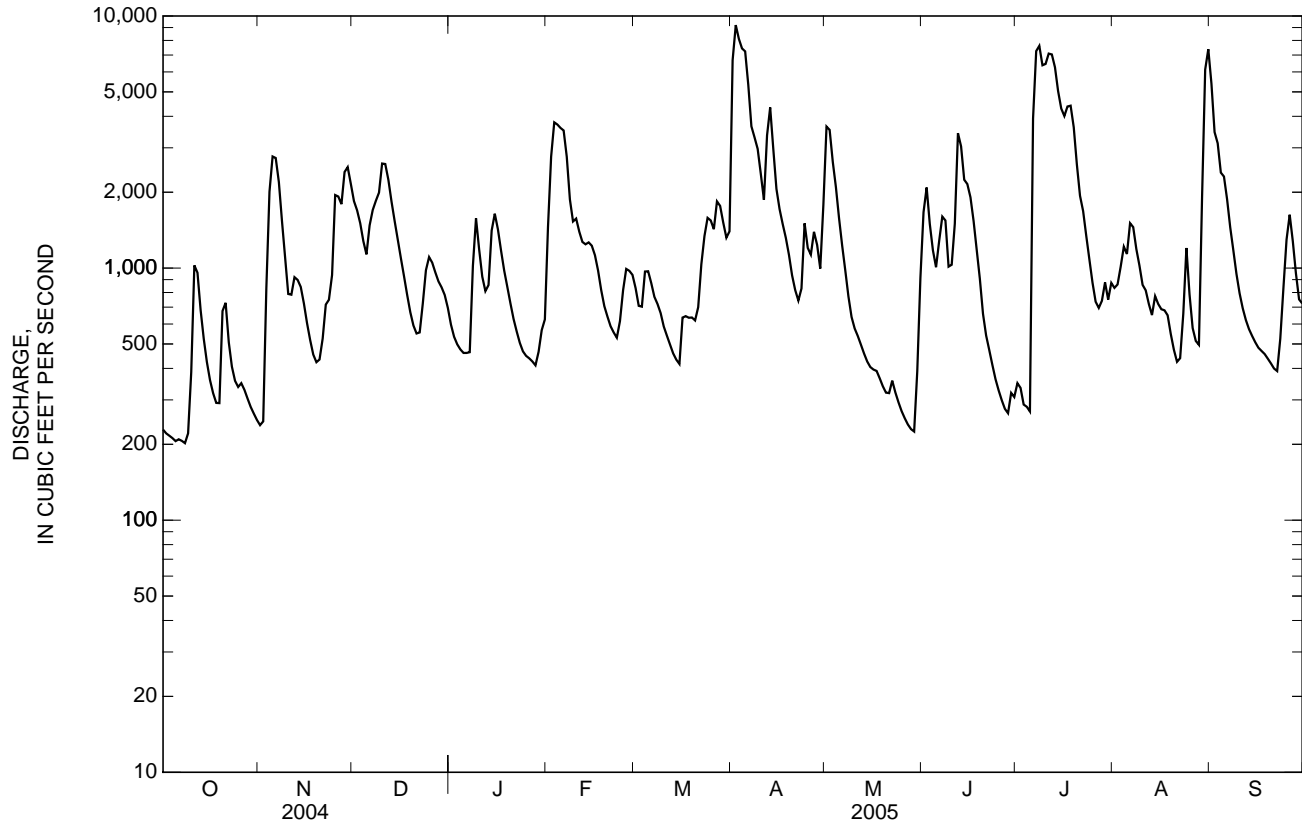
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	229	238	1,840	596	1,450	832	6,680	3,640	1,670	350	835	5,390
2	221	247	1,690	534	2,770	708	9,200	3,530	2,090	335	861	3,460
3	216	829	1,510	498	3,790	703	8,110	2,640	1,500	288	1,010	3,130
4	212	2,010	1,280	476	3,710	969	7,440	2,090	1,180	282	1,220	2,390
5	206	2,770	1,130	461	3,600	971	7,240	1,580	1,010	270	1,140	2,310
6	209	2,730	1,480	461	3,510	872	5,330	1,230	1,280	3,920	1,510	1,880
7	206	2,190	1,700	464	2,770	769	3,650	978	1,600	7,260	1,450	1,450
8	202	1,540	1,850	1,020	1,870	720	3,300	773	1,540	7,610	1,190	1,180
9	221	1,100	1,990	1,580	1,530	663	2,970	640	1,010	6,380	1,020	948
10	387	789	2,600	1,190	1,570	586	2,370	576	1,030	6,450	858	794
11	1,020	784	2,590	924	1,390	539	1,870	538	1,500	7,090	816	693
12	958	920	2,240	810	1,270	497	3,360	497	3,430	7,040	720	622
13	681	897	1,840	856	1,240	459	4,340	458	3,040	6,260	651	573
14	525	842	1,540	1,410	1,260	433	2,960	426	2,240	5,040	774	538
15	424	724	1,300	1,640	1,230	416	2,060	405	2,150	4,290	720	508
16	359	605	1,090	1,420	1,120	636	1,710	396	1,910	4,010	687	483
17	319	519	927	1,170	978	645	1,490	391	1,540	4,380	680	469
18	292	454	783	979	818	635	1,320	365	1,180	4,410	650	456
19	291	423	668	842	706	637	1,130	340	907	3,620	548	437
20	676	434	592	725	642	620	936	321	659	2,580	475	419
21	728	525	550	629	588	700	818	319	540	1,940	425	400
22	508	717	556	560	555	1,040	744	358	473	1,680	439	390
23	406	749	724	505	529	1,340	830	321	413	1,340	659	524
24	357	938	981	467	616	1,580	1,500	293	363	1,080	1,200	834
25	338	1,950	1,110	449	818	1,540	1,200	271	327	875	786	1,300
26	350	1,920	1,050	439	992	1,430	1,130	254	299	735	578	1,630
27	329	1,790	962	426	975	1,840	1,390	240	277	695	514	1,280
28	304	2,410	886	411	940	1,760	1,240	230	266	742	496	953
29	281	2,520	839	466	---	1,520	996	225	320	877	1,910	751
30	265	2,160	782	567	---	1,320	1,780	390	308	750	6,130	724
31	250	---	695	626	---	1,400	---	916	---	873	7,390	---
TOTAL	11,970	36,724	39,775	23,601	43,237	28,780	89,094	25,631	36,052	93,452	38,342	36,916
MEAN	386	1,224	1,283	761	1,544	928	2,970	827	1,202	3,015	1,237	1,231
MAX	1,020	2,770	2,600	1,640	3,790	1,840	9,200	3,640	3,430	7,610	7,390	5,390
MIN	202	238	550	411	529	416	744	225	266	270	425	390
CFSM	0.69	2.18	2.28	1.35	2.75	1.65	5.28	1.47	2.14	5.36	2.20	2.19
IN.	0.79	2.43	2.63	1.56	2.86	1.91	5.90	1.70	2.39	6.19	2.54	2.44

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2005, BY WATER YEAR (WY)

MEAN	585	849	1,161	1,679	1,911	2,019	1,623	1,208	824	793	585	761
MAX	3,528	2,587	2,597	4,452	4,280	4,383	5,986	6,818	2,573	3,355	2,675	2,386
(WY)	(1999)	(1980)	(1983)	(1998)	(1990)	(1979)	(1983)	(1991)	(2003)	(2003)	(1975)	(1974)
MIN	70.7	152	364	365	308	742	465	114	92.8	79.6	111	110
(WY)	(2001)	(1982)	(1982)	(1981)	(2000)	(1982)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)

02479560 ESCATAWPA RIVER NEAR AGRICOLA, MS—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1974 - 2005	
ANNUAL TOTAL	378,370		503,574		1,163	
ANNUAL MEAN	1,034		1,380		1,922	
HIGHEST ANNUAL MEAN					307	
LOWEST ANNUAL MEAN					26,800	
HIGHEST DAILY MEAN	5,830	Apr 30	9,200	Apr 2	26,800	Sep 30, 1998
LOWEST DAILY MEAN	153	Sep 12	202	Oct 8	62	Aug 31, 2000
ANNUAL SEVEN-DAY MINIMUM	170	Sep 9	210	Oct 2	66	Oct 27, 2000
MAXIMUM PEAK FLOW			9,400	Apr 2	27,800	Sep 30, 1998
MAXIMUM PEAK STAGE			16.86	Apr 2	22.81	Sep 30, 1998
ANNUAL RUNOFF (CFSM)	1.84		2.45		2.07	
ANNUAL RUNOFF (INCHES)	25.05		33.33		28.11	
10 PERCENT EXCEEDS	2,270		3,080		2,680	
50 PERCENT EXCEEDS	700		858		612	
90 PERCENT EXCEEDS	249		328		181	



02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL

LOCATION.--Lat 30°51'21", long 88°20'02", in SE ¼ sec. 24, T. 2 S., R. 2 W., Mobile County, Hydrologic Unit 03170008, on downstream side of bridge at County Road 63, about 2.9 mi northeast of Wilmer, and 3.2 mi north of U.S. Highway 98.

DRAINAGE AREA.--31.5 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

GAGE.--Water-stage recorder. Datum of gage is 125.44 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	1200	1,850	10.80	Jul 6	1200	*2,320	*11.32
Apr 12	0830	617	8.22	Aug 30	0200	801	8.82

Minimum discharge, 21 ft³/s, May 27, 28, 29, July 4, gage height, 2.16 ft.

REVISIONS.--Revised daily discharges for Sept. 17-30, 2004, in ft³/s are given below. These figures supersede those published in the report for 2004 water year.

Sept. 17.....361	Sept. 19.....79	Sept. 21.....46	Sept. 23.....40	Sept. 25.....36	Sept. 27.....33	Sept. 29.....32
Sept. 18.....164	Sept. 20.....53	Sept. 22.....42	Sept. 24.....39	Sept. 26.....35	Sept. 28.....32	Sept. 30.....31
TOTAL	MEAN	MAX	MIN	(ft ³ /s)/mi ²	IN	
September 2004	2,247	74.9	491	30	2.38	2.66
WY 2004	26,107	71.3	1,240	24	2.27	30.85

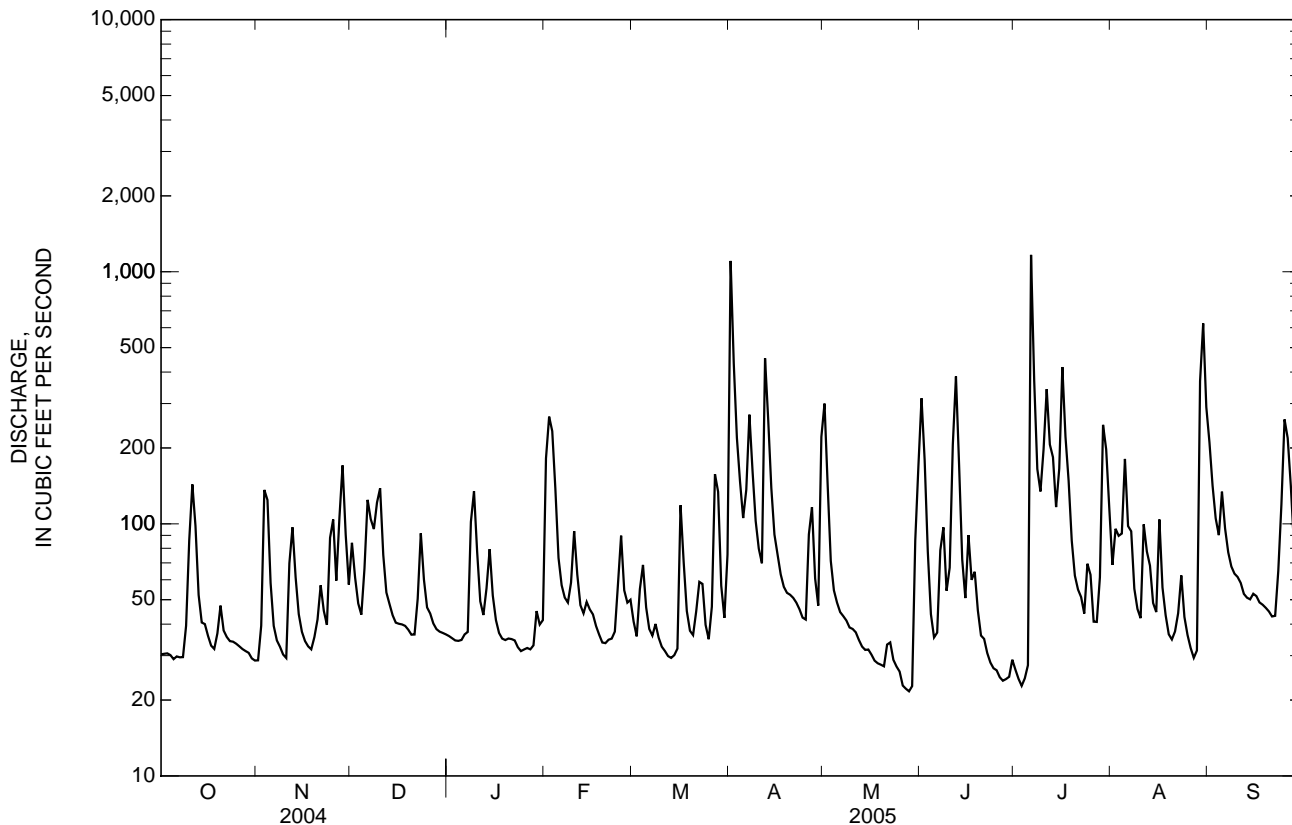
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30	29	84	36	182	41	1,100	300	315	26	69	211
2	31	39	61	35	266	36	432	143	179	24	96	142
3	31	136	48	34	233	55	219	71	78	23	90	105
4	30	124	44	34	138	69	147	54	44	24	92	90
5	29	58	66	35	73	47	105	49	35	27	181	134
6	30	39	124	36	57	38	136	45	37	1,170	98	96
7	30	34	104	37	51	36	271	43	79	370	93	77
8	30	33	95	102	49	40	162	41	97	165	55	68
9	39	30	121	135	58	35	103	39	54	134	46	63
10	86	29	138	78	94	33	80	38	67	198	42	62
11	143	70	75	49	63	31	70	37	206	342	99	58
12	98	97	53	43	48	30	454	35	384	206	78	53
13	52	61	48	56	44	29	261	33	172	184	68	51
14	41	44	43	79	49	30	139	32	72	117	49	50
15	40	37	41	52	46	32	91	32	51	165	45	53
16	36	34	40	42	44	119	76	30	90	419	104	52
17	33	33	40	37	39	70	63	29	60	222	56	49
18	32	32	39	35	36	45	56	28	65	148	43	48
19	37	36	38	35	34	38	53	28	45	86	36	46
20	47	42	36	35	34	36	52	27	36	62	35	45
21	38	57	36	35	35	45	51	33	35	55	37	43
22	36	45	50	34	35	59	49	34	31	51	44	43
23	34	40	92	32	37	58	46	29	28	44	62	65
24	34	88	60	31	58	40	42	27	27	69	43	120
25	33	104	47	32	90	35	42	26	26	63	36	260
26	33	60	44	32	55	47	91	23	25	41	32	219
27	32	106	40	32	49	157	116	22	24	41	29	142
28	31	171	38	33	50	134	61	22	24	61	31	83
29	31	91	37	45	---	57	47	23	25	247	368	63
30	29	57	37	40	---	42	221	86	29	198	624	68
31	29	---	36	42	---	76	---	170	---	115	291	---
TOTAL	1,285	1,856	1,855	1,413	2,047	1,640	4,836	1,629	2,440	5,097	3,072	2,659
MEAN	41.5	61.9	59.8	45.6	73.1	52.9	161	52.5	81.3	164	99.1	88.6
MAX	143	171	138	135	266	157	1,100	300	384	1,170	624	260
MIN	29	29	36	31	34	29	42	22	24	23	29	43
CFSM	1.32	1.97	1.90	1.45	2.32	1.68	5.12	1.67	2.58	5.22	3.15	2.82
IN.	1.52	2.19	2.19	1.67	2.42	1.94	5.71	1.92	2.88	6.02	3.63	3.14

02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)												
MEAN	40.6	53.9	61.7	81.0	78.1	80.5	68.6	65.8	61.9	67.3	46.8	52.0
MAX	101	119	120	167	155	131	161	300	151	164	99.1	225
(WY)	(1999)	(1993)	(1996)	(1991)	(1992)	(1996)	(2005)	(1991)	(2003)	(2005)	(2005)	(1998)
MIN	8.31	15.6	22.9	28.3	21.1	30.1	21.0	11.0	11.4	9.29	10.6	11.1
(WY)	(2001)	(2002)	(2002)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)	(2000)
SUMMARY STATISTICS												
	FOR 2004 CALENDAR YEAR					FOR 2005 WATER YEAR			WATER YEARS 1990 - 2005			
ANNUAL TOTAL	25,861					29,829						
ANNUAL MEAN	70.7					81.7			63.5			
HIGHEST ANNUAL MEAN									94.7			
LOWEST ANNUAL MEAN									19.2			
HIGHEST DAILY MEAN	1,240					Apr 30			3,130			
LOWEST DAILY MEAN	24					May 29			6.7			
ANNUAL SEVEN-DAY MINIMUM	26					May 25			7.2			
MAXIMUM PEAK FLOW						2,320			6,910			
MAXIMUM PEAK STAGE						11.32			14.21			
ANNUAL RUNOFF (CFSM)	2.24					2.60			2.02			
ANNUAL RUNOFF (INCHES)	30.56					35.25			27.41			
10 PERCENT EXCEEDS	136					165			133			
50 PERCENT EXCEEDS	45					48			38			
90 PERCENT EXCEEDS	31					30			16			



02479980 CROOKED CREEK NEAR FAIRVIEW, AL

LOCATION.--Lat 30°46'48", long 88°19'08", in SW 1/4 sec. 18, T. 3 S., R. 3 W., Mobile County, Hydrologic Unit 03170008, on right bank 1 mi southwest of Fairview, and 4 mi southeast of Wilmer.

DRAINAGE AREA.--8.08 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

REVISED RECORD.--WDR AL-95-1: 1991. WDR AL-97-1: 1991-96, 1991-96 (M).

GAGE.--Water-stage recorder. Elevation of gage is 115 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: Sep. 7-8, 21, 25-26, 30. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	0900	807	7.01	Aug 29	1830	330	5.58
Jul 6	0830	*839	*7.08				

Minimum discharge, 8.3 ft³/s, June 27, gage height, 0.66 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	10	16	12	54	11	309	44	90	11	15	26
2	10	13	13	12	57	10	43	18	18	9.6	21	23
3	10	111	12	12	30	14	21	15	12	9.5	34	22
4	9.9	50	12	12	16	13	17	14	11	9.1	73	22
5	15	18	20	12	13	11	16	14	11	9.0	58	24
6	16	14	22	12	12	10	75	14	12	266	29	21
7	11	13	23	12	12	10	109	13	14	33	27	e20
8	10	13	21	32	12	11	26	13	12	23	18	e21
9	14	12	25	18	15	9.8	19	13	9.9	67	16	20
10	30	12	22	13	14	9.6	17	12	9.7	94	16	19
11	33	43	15	12	12	9.5	16	13	86	77	18	19
12	15	26	13	12	11	9.5	88	12	77	28	15	19
13	13	15	13	14	12	9.5	24	12	17	21	16	19
14	12	13	13	15	15	9.7	18	12	13	21	14	19
15	12	12	13	12	12	11	16	12	13	26	14	19
16	11	12	13	12	11	26	15	12	26	23	14	19
17	11	12	13	11	11	14	14	11	13	17	15	19
18	11	12	13	11	10	11	14	11	14	15	14	19
19	13	12	12	11	10	11	14	11	12	15	13	20
20	12	17	12	11	11	11	14	10	11	14	13	18
21	11	18	12	11	11	11	14	10	10	20	13	e17
22	12	13	21	11	11	11	13	10	10	23	13	19
23	11	13	26	11	12	10	12	9.9	10	15	16	23
24	12	39	15	11	14	9.6	12	9.6	10	15	16	44
25	11	21	14	11	15	9.5	12	9.3	9.7	13	20	e74
26	11	14	14	11	12	10	24	9.1	9.3	13	40	e28
27	11	25	13	11	12	12	17	8.9	9.2	14	15	20
28	11	17	12	12	12	11	13	8.8	9.3	16	14	19
29	11	14	12	12	---	9.6	13	9.4	9.3	23	162	20
30	10	14	12	11	---	9.4	105	14	9.9	25	105	e19
31	10	---	12	13	---	13	---	43	---	15	30	---
TOTAL	399.9	628	479	393	449	347.7	1,120	428.0	578.3	980.2	897	691
MEAN	12.9	20.9	15.5	12.7	16.0	11.2	37.3	13.8	19.3	31.6	28.9	23.0
MAX	33	111	26	32	57	26	309	44	90	266	162	74
MIN	9.9	10	12	11	10	9.4	12	8.8	9.2	9.0	13	17
CFSM	1.60	2.59	1.91	1.57	1.98	1.39	4.62	1.71	2.39	3.91	3.58	2.85
IN.	1.84	2.89	2.21	1.81	2.07	1.60	5.16	1.97	2.66	4.51	4.13	3.18

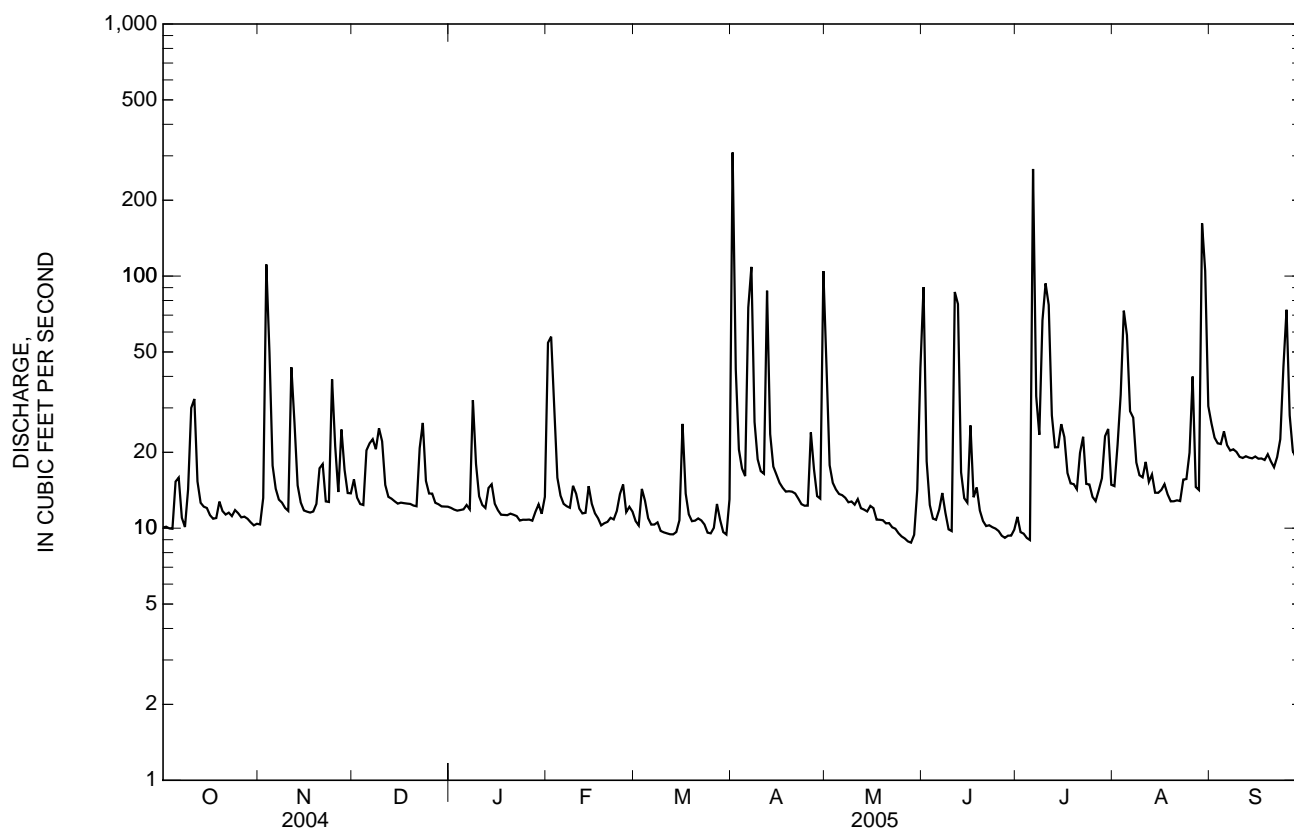
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

MEAN	13.3	15.3	15.9	21.7	17.3	20.4	16.9	17.0	17.6	19.9	15.2	17.1
MAX	30.1	29.6	37.3	58.0	29.1	38.9	37.3	43.8	34.1	63.0	28.9	65.8
(WY)	(1999)	(1998)	(1996)	(1998)	(1992)	(1998)	(2005)	(1991)	(1997)	(1997)	(2005)	(1998)
MIN	5.65	6.58	7.83	8.63	7.90	11.2	8.21	7.14	10.1	7.17	8.96	7.91
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2005)	(2002)	(2002)	(2000)	(2000)	(1992)	(1994)

02479980 CROOKED CREEK NEAR FAIRVIEW, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	6,039.9		7,391.1		17.4	
ANNUAL MEAN	16.5		20.2		28.9	
HIGHEST ANNUAL MEAN					10.3	
LOWEST ANNUAL MEAN					826	
HIGHEST DAILY MEAN	207	Sep 16	309	Apr 1	Sep 28, 1998	
LOWEST DAILY MEAN	8.2	May 28	8.8	May 28	4.5	
ANNUAL SEVEN-DAY MINIMUM	8.5	May 23	9.3	May 23	4.8	
MAXIMUM PEAK FLOW			839	Jul 6	1,930	
MAXIMUM PEAK STAGE			7.08	Jul 6	8.59	
ANNUAL RUNOFF (CFSM)	2.04		2.51		2.16	
ANNUAL RUNOFF (INCHES)	27.81		34.03		29.30	
10 PERCENT EXCEEDS	26		28		26	
50 PERCENT EXCEEDS	12		13		12	
90 PERCENT EXCEEDS	10		10		7.5	

e Estimated



02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL

LOCATION.--Lat 30°43'33", long 88°16'35", in SE 1/4 sec. 4, T. 4 S., R. 3 W., Mobile County, Hydrologic Unit 03170008, on right bank about 30 feet downstream of bridge on Snow Road, 1.0 mi north of Tanner Williams Road, and 4 mi south of Semmes.

DRAINAGE AREA.--8.22 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1990 to current year.

REVISED RECORDS.--WDR AL-95-1: 1991, 1993, 1994, WDR AL-04-1: 2003.

GAGE.--Water-stage recorder. Elevation of gage is 115 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharge: May 31 - June 1. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 250 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Apr 1	0930	*1,460	*6.83	Jul 6	0900	1,340	6.67
Apr 6	2230	315	4.31	Jul 9	2330	291	4.15
Apr 30	1530	303	4.23	Jul 10	2230	359	4.56
Jun 11	2300	343	4.49	Aug 29	1830	392	4.70

Minimum discharge, 15.0 ft³/s, on several days, gage height, 0.27 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	18	28	22	63	19	480	59	e60	24	46	34
2	16	24	24	22	81	19	57	31	30	21	40	28
3	16	103	23	22	42	25	34	27	27	20	30	26
4	16	31	23	22	27	21	30	26	25	19	43	30
5	16	22	38	22	24	19	27	25	23	20	48	40
6	17	20	33	22	23	18	114	25	25	371	30	27
7	16	19	46	22	22	19	129	25	28	44	29	25
8	16	19	32	46	22	19	39	24	24	39	27	26
9	24	19	41	26	23	18	32	24	22	140	26	25
10	42	19	32	23	21	18	30	24	22	175	28	24
11	36	104	27	22	20	18	29	25	144	115	33	24
12	21	76	25	22	20	17	116	24	96	39	27	25
13	18	27	24	27	21	18	38	23	30	35	25	26
14	18	23	23	26	26	18	31	23	25	32	26	26
15	17	22	23	22	22	22	28	25	29	38	25	26
16	17	21	23	21	20	39	26	24	39	39	27	26
17	17	21	23	21	19	22	25	22	25	30	27	24
18	17	21	23	20	19	20	25	22	27	27	25	25
19	20	23	23	20	19	19	25	22	24	26	24	25
20	18	26	23	20	19	19	25	22	23	30	24	25
21	18	27	23	20	19	20	25	22	22	40	25	25
22	18	25	36	20	19	23	24	21	21	41	38	28
23	18	23	37	19	22	21	24	21	21	29	36	34
24	20	41	26	20	24	19	24	21	21	36	32	72
25	19	27	25	20	25	19	24	20	21	26	58	75
26	18	24	25	20	20	19	41	20	21	26	79	36
27	18	30	24	19	23	24	28	20	21	27	30	30
28	18	27	23	20	21	20	25	20	21	31	28	29
29	18	24	23	22	---	18	24	21	22	48	228	29
30	18	25	23	20	---	18	167	27	28	53	136	28
31	18	---	22	24	---	36	---	e36	---	30	38	---
TOTAL	595	931	844	694	726	644	1,746	771	967	1,671	1,338	923
MEAN	19.2	31.0	27.2	22.4	25.9	20.8	58.2	24.9	32.2	53.9	43.2	30.8
MAX	42	104	46	46	81	39	480	59	144	371	228	75
MIN	16	18	22	19	19	17	24	20	21	19	24	24
CFSM	2.33	3.78	3.31	2.72	3.15	2.53	7.08	3.03	3.92	6.56	5.25	3.74
IN.	2.69	4.21	3.82	3.14	3.29	2.91	7.90	3.49	4.38	7.56	6.06	4.18

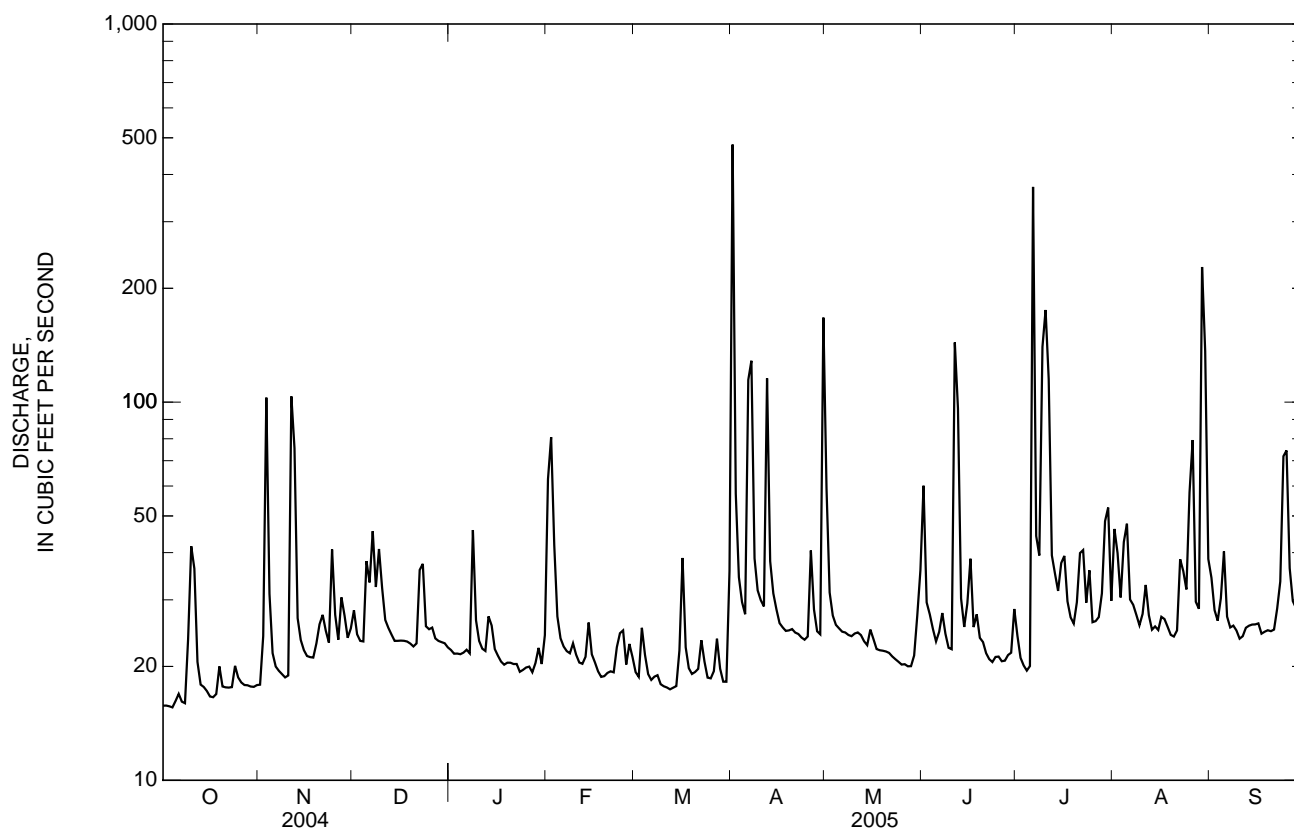
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

MEAN	18.0	19.8	21.6	26.0	22.2	25.2	23.5	22.0	24.4	25.0	19.6	24.4
MAX	36.8	36.8	50.5	60.2	38.5	42.5	58.2	51.2	43.4	67.8	43.2	118
(WY)	(1999)	(1998)	(1996)	(1998)	(2004)	(1998)	(2005)	(1995)	(2003)	(1997)	(2005)	(1998)
MIN	9.13	10.2	11.4	12.5	12.0	14.6	10.6	9.01	10.6	10.4	11.0	12.4
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2002)	(2001)	(2000)	(2002)	(1995)

02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005	
ANNUAL TOTAL	9,495		11,850		22.8	
ANNUAL MEAN	25.9		32.5		37.9	
HIGHEST ANNUAL MEAN					12.7	
LOWEST ANNUAL MEAN					2,000	
HIGHEST DAILY MEAN	333	Sep 16	480	Apr 1	2,000	Sep 28, 1998
LOWEST DAILY MEAN	11	Aug 8	16	Oct 1	7.5	Jun 7, 2001
ANNUAL SEVEN-DAY MINIMUM	12	Aug 3	16	Oct 1	7.8	May 7, 2002
MAXIMUM PEAK FLOW			1,460	Apr 1	3,640	Sep 28, 1998
MAXIMUM PEAK STAGE			6.83	Apr 1	8.70	Sep 28, 1998
ANNUAL RUNOFF (CFSM)	3.16		3.95		2.77	
ANNUAL RUNOFF (INCHES)	42.97		53.63		37.62	
10 PERCENT EXCEEDS	37		41		31	
50 PERCENT EXCEEDS	21		24		17	
90 PERCENT EXCEEDS	15		19		11	

e Estimated



03573182 SCARHAM CREEK NEAR MCVILLE, AL

LOCATION.--Lat 34°17'54", long 86°07'00", in NE ¼ sec. 33, T. 8 S., R. 5 E., Marshall County, Hydrologic Unit 06030001, on right downstream bank, 40 ft downstream of Colvin Bridge on County Road 372 (also known as McVilleville Road), 1.4 mi northeast of McVilleville, and 2.4 mi southeast of Painter.

DRAINAGE AREA.--50.0 mi².

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 890 ft above NGVD of 1929, from topographic map.

REMARKS.--Estimated daily discharges: Feb. 27. Records good, except those estimated which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 3	1700	1,940	9.28	Nov 24	1000	3,830	11.51
Nov 4	0500	*3,960	*11.64	Dec 9	1415	2,390	9.87

Minimum discharge, 0.15 ft³/s, Sept. 25, gage height, 3.30 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28	54	476	83	46	179	425	103	49	10	13	5.9
2	25	63	301	77	71	149	391	64	43	9.9	11	3.8
3	23	781	254	71	97	131	251	49	30	9.5	9.3	2.8
4	20	2,110	226	67	75	119	205	42	24	8.8	6.9	2.2
5	18	443	211	64	64	110	172	40	18	11	5.3	1.7
6	16	295	623	73	59	99	163	38	23	29	4.2	1.4
7	15	237	660	72	60	103	423	34	61	188	6.5	1.1
8	15	196	412	91	57	176	274	29	94	84	17	0.92
9	15	166	1,070	78	58	125	206	25	74	48	10	0.85
10	16	149	539	68	54	114	169	23	72	35	7.5	0.74
11	16	202	355	65	48	103	146	21	149	137	5.7	0.61
12	17	351	292	62	46	92	130	19	134	94	5.1	0.58
13	22	249	251	106	46	86	114	16	97	63	4.3	0.63
14	19	198	218	181	105	157	108	14	68	52	3.9	0.59
15	17	170	195	118	99	113	94	26	51	43	3.5	0.39
16	15	155	178	104	81	118	79	23	39	38	2.6	0.40
17	13	143	165	91	70	147	69	17	31	40	9.7	0.47
18	12	129	159	82	62	125	62	14	25	32	31	0.56
19	355	125	137	79	59	111	56	11	21	56	23	0.43
20	286	130	120	76	88	103	49	49	18	62	11	0.35
21	146	125	115	71	330	95	60	54	18	39	6.8	0.28
22	110	264	119	66	284	131	71	28	17	30	4.9	0.25
23	93	520	291	56	200	221	69	20	14	38	3.9	0.26
24	109	2,420	186	52	188	152	50	14	12	24	3.2	0.20
25	91	588	156	54	154	127	41	11	10	19	2.8	0.19
26	76	363	137	52	128	113	43	8.8	12	16	2.3	0.68
27	69	380	120	48	e190	353	53	7.3	12	13	1.9	0.79
28	64	364	113	43	259	525	40	8.0	46	11	1.5	0.71
29	66	282	104	45	---	268	34	8.6	20	15	4.4	0.80
30	62	267	97	52	---	208	165	8.4	14	15	4.6	0.58
31	58	---	93	52	---	590	---	9.4	---	15	9.1	---
TOTAL	1,907	11,919	8,373	2,299	3,078	5,243	4,212	834.5	1,296	1,285.2	235.9	31.16
MEAN	61.5	397	270	74.2	110	169	140	26.9	43.2	41.5	7.61	1.04
MAX	355	2,420	1,070	181	330	590	425	103	149	188	31	5.9
MIN	12	54	93	43	46	86	34	7.3	10	8.8	1.5	0.19
CFSM	1.23	7.95	5.40	1.48	2.20	3.38	2.81	0.54	0.86	0.83	0.15	0.02
IN.	1.42	8.87	6.23	1.71	2.29	3.90	3.13	0.62	0.96	0.96	0.18	0.02

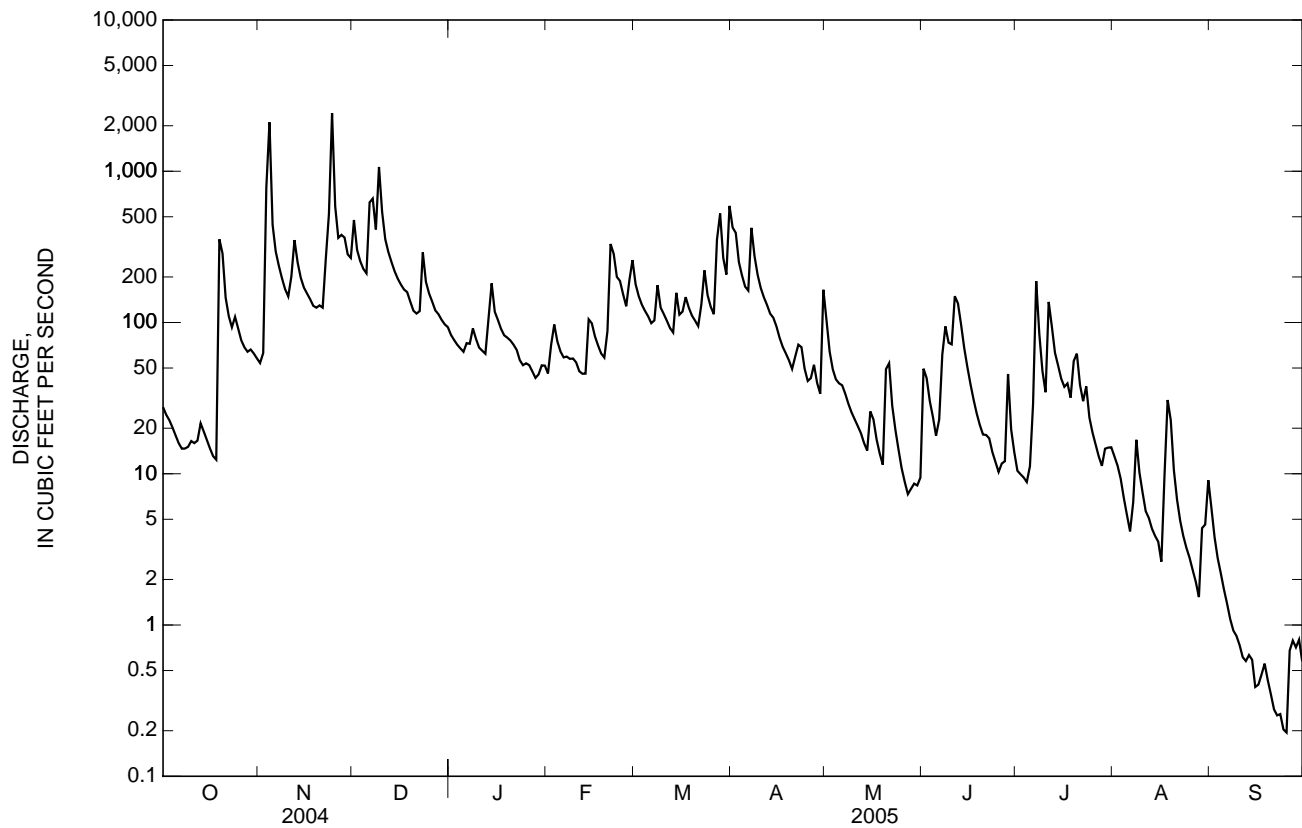
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	15.0	88.9	114	136	189	183	113	90.9	43.2	55.5	7.34	26.1
MAX	61.5	397	270	227	322	314	231	384	110	199	20.4	139
(WY)	(2005)	(2005)	(2005)	(1999)	(2003)	(2001)	(2000)	(2003)	(1999)	(1999)	(2001)	(2004)
MIN	0.00	2.11	4.63	73.9	60.3	127	36.2	15.4	6.10	1.99	0.12	0.16
(WY)	(1999)	(1999)	(2000)	(2000)	(2000)	(2004)	(2004)	(2000)	(2002)	(2002)	(2002)	(1999)

03573182 SCARHAM CREEK NEAR MCVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	47,232.4		40,713.76		88.0	
ANNUAL MEAN	129		112		137	
HIGHEST ANNUAL MEAN					45.9	
LOWEST ANNUAL MEAN					2,500	
HIGHEST DAILY MEAN	2,500	Feb 6	2,420	Nov 24	2,500	May 6, 2003
LOWEST DAILY MEAN	1.2	Aug 19	0.19	Sep 25	0.00	Oct 2, 1998
ANNUAL SEVEN-DAY MINIMUM	2.1	Aug 14	0.28	Sep 19	0.00	Oct 2, 1998
MAXIMUM PEAK FLOW			3,960	Nov 4	5,080	May 6, 2003
MAXIMUM PEAK STAGE			11.64	Nov 4	13.48	May 6, 2003
ANNUAL RUNOFF (CFSM)	2.58		2.23		1.76	
ANNUAL RUNOFF (INCHES)	35.14		30.29		23.91	
10 PERCENT EXCEEDS	283		261		198	
50 PERCENT EXCEEDS	57		59		38	
90 PERCENT EXCEEDS	4.7		3.9		0.41	

e Estimated



03574500 PAINT ROCK RIVER NEAR WOODVILLE, AL

LOCATION.--Lat 34°37'27", long 86°18'23", in NW ¼ sec. 10, T. 5 S., R. 3 E., Jackson County, Hydrologic Unit 06030002, on downstream side of bridge on U.S. Highway 72, 1,000 ft downstream from Southern Railway bridge, 2 mi west of Woodville, 4.1 mi upstream from Little Paint Creek, and at mile 26.6.

DRAINAGE AREA.--320 mi².

PERIOD OF RECORD.--January 1936 to current year.

GAGE.--Water-stage recorder. Datum of gage is 570.95 ft above NGVD of 1929. Dec. 23, 1935, to Jan. 16, 1938, nonrecording gage at same site.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 5	1430	7,230	16.24	Dec 10	1100	20,800	19.51
Nov 25	1800	11,100	17.50	Feb 22	1700	13,800	18.16
Dec 7	1930	*29,000	*20.68	Apr 9	1000	6,010	15.73

Minimum discharge, 20 ft³/s, Sept. 14, 15, 16, gage height, 2.16 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

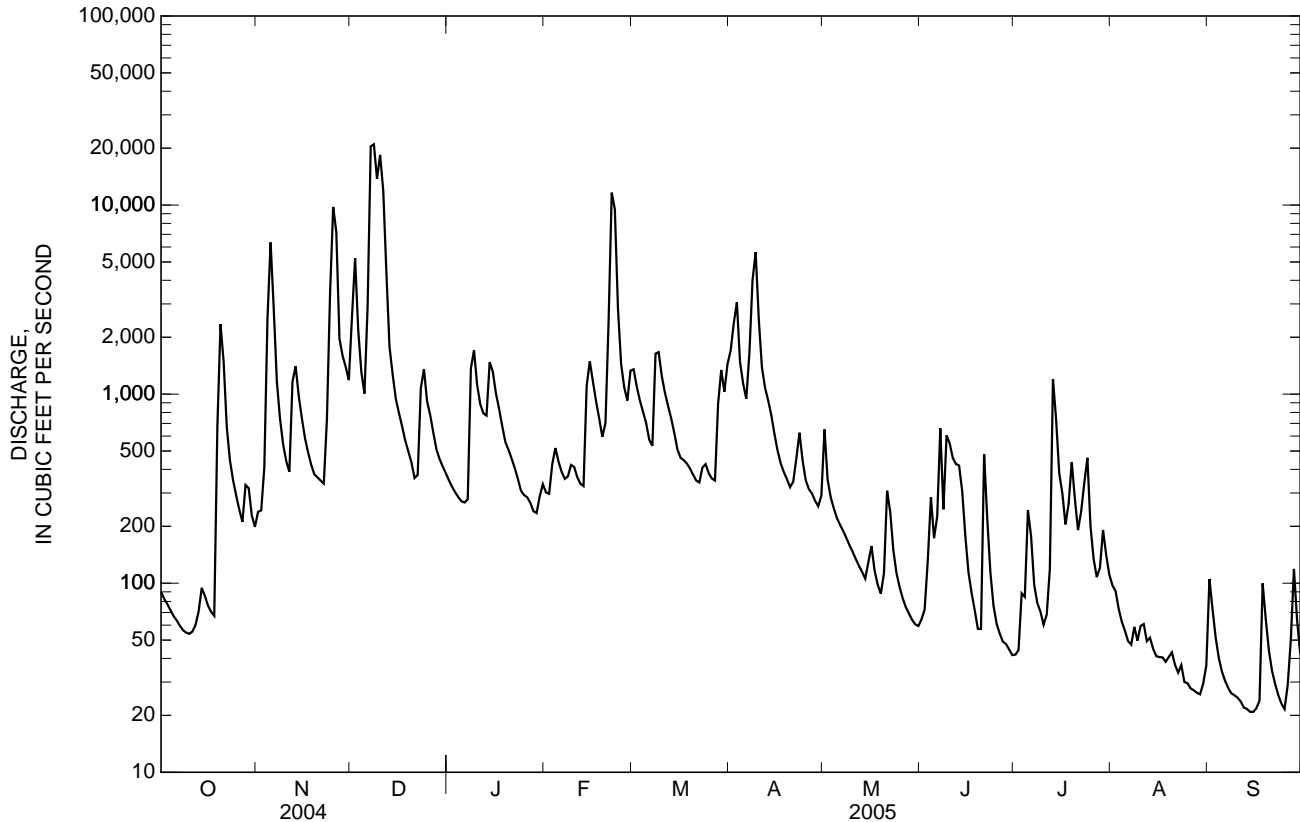
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	90	239	2,550	350	302	1,350	1,700	651	65	42	97	105
2	83	242	5,230	323	297	1,100	2,370	352	73	44	91	73
3	77	410	2,180	302	425	925	3,060	284	132	88	73	51
4	72	2,520	1,310	285	519	808	1,480	248	285	85	62	40
5	67	6,350	1,010	271	440	703	1,140	220	173	243	56	34
6	64	2,850	2,910	267	388	573	944	203	225	178	49	30
7	60	1,170	20,400	278	356	533	1,650	189	660	98	47	28
8	56	744	21,000	1,370	367	1,640	4,020	173	246	79	59	26
9	55	543	13,800	1,710	422	1,670	5,630	159	605	71	50	26
10	54	442	18,400	1,120	413	1,250	2,490	147	548	60	59	25
11	55	388	11,900	884	363	1,020	1,380	134	459	68	61	24
12	60	1,170	4,410	791	336	868	1,080	124	427	119	49	22
13	71	1,400	1,780	770	326	746	926	115	419	1,200	51	22
14	95	976	1,270	1,470	1,110	623	773	106	306	738	45	21
15	86	744	947	1,320	1,490	510	616	129	177	382	41	21
16	76	584	797	1,010	1,160	461	503	157	114	299	41	22
17	71	491	678	838	917	447	430	117	89	205	41	24
18	67	422	570	680	744	430	387	98	72	263	38	100
19	682	376	498	559	595	404	354	88	57	437	41	64
20	2,340	362	436	509	702	375	322	113	57	279	43	44
21	1,480	349	360	457	2,400	349	344	308	480	191	37	34
22	669	336	374	407	11,600	341	457	238	220	239	34	29
23	448	737	1,070	357	9,510	409	625	149	114	338	37	26
24	351	3,410	1,360	309	2,840	426	446	113	76	460	30	23
25	291	9,780	917	292	1,450	382	350	95	61	200	30	22
26	245	7,210	775	285	1,090	358	315	83	54	134	28	29
27	211	1,970	625	266	925	349	298	75	49	108	27	50
28	331	1,600	509	240	1,330	892	273	69	48	120	26	119
29	318	1,400	454	235	---	1,340	255	64	45	191	26	64
30	228	1,190	414	288	---	1,030	291	61	42	141	29	42
31	199	---	381	334	---	1,440	---	59	---	111	37	---
TOTAL	9,052	50,405	119,315	18,577	42,817	23,752	34,909	5,121	6,378	7,211	1,435	1,240
MEAN	292	1,680	3,849	599	1,529	766	1,164	165	213	233	46.3	41.3
MAX	2,340	9,780	21,000	1,710	11,600	1,670	5,630	651	660	1,200	97	119
MIN	54	239	360	235	297	341	255	59	42	42	26	21
CFSM	0.91	5.25	12.0	1.87	4.78	2.39	3.64	0.52	0.66	0.73	0.14	0.13
IN.	1.05	5.86	13.87	2.16	4.98	2.76	4.06	0.60	0.74	0.84	0.17	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1936 - 2005, BY WATER YEAR (WY)

MEAN	180	460	1,001	1,322	1,501	1,485	1,023	584	252	217	111	145
MAX	2,597	3,056	3,849	3,519	3,941	4,185	3,018	2,538	1,263	1,465	746	1,136
(WY)	(1976)	(1958)	(2005)	(1949)	(1939)	(1980)	(1964)	(2003)	(1997)	(1967)	(1985)	(1979)
MIN	2.92	10.0	34.7	160	246	300	218	69.4	24.2	14.2	10.4	4.40
(WY)	(1955)	(1945)	(1966)	(1940)	(1941)	(1988)	(1986)	(1941)	(1988)	(1952)	(1944)	(1954)

03574500 PAINT ROCK RIVER NEAR WOODVILLE, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR			FOR 2005 WATER YEAR			WATER YEARS 1936 - 2005	
ANNUAL TOTAL	366,950			320,212			685	
ANNUAL MEAN	1,003			877			1,106	
HIGHEST ANNUAL MEAN							278	
LOWEST ANNUAL MEAN							1941	
HIGHEST DAILY MEAN	21,000	Dec 8		21,000	Dec 8		50,100	Dec 23, 1990
LOWEST DAILY MEAN	40	Aug 20		21	Sep 14		1.4	Oct 19, 1954
ANNUAL SEVEN-DAY MINIMUM	44	Aug 15		22	Sep 11		1.6	Oct 17, 1954
MAXIMUM PEAK FLOW				29,000	Dec 7		74,200	Mar 16, 1973
MAXIMUM PEAK STAGE				20.68	Dec 7		24.40	Mar 16, 1973
ANNUAL RUNOFF (CFSM)	3.13			2.74			2.14	
ANNUAL RUNOFF (INCHES)	42.66			37.22			29.10	
10 PERCENT EXCEEDS	1,880			1,480			1,640	
50 PERCENT EXCEEDS	350			318			221	
90 PERCENT EXCEEDS	60			42			21	



TENNESSEE RIVER BASIN

0357479650 HESTER CREEK NEAR PLEVNA, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°57'89", long 86°27'49", in NW ¼ sec. 18, T. 1 S., R. 2 E., Madison County, Hydrologic Unit 06030002, on right bank on Buddy Williamson Road, 2.7 mi east of Plevna, 3.8 mi northwest of New Market, and 2 mi south of Alabama-Tennessee State line.

DRAINAGE AREA.--33.0 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 756.34 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records fair.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 2,740 ft³/s, Dec. 6, gage height, 8.52 ft; minimum discharge, 1.9 ft³/s, Sept. 1, 2, 3, gage height, 2.55 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

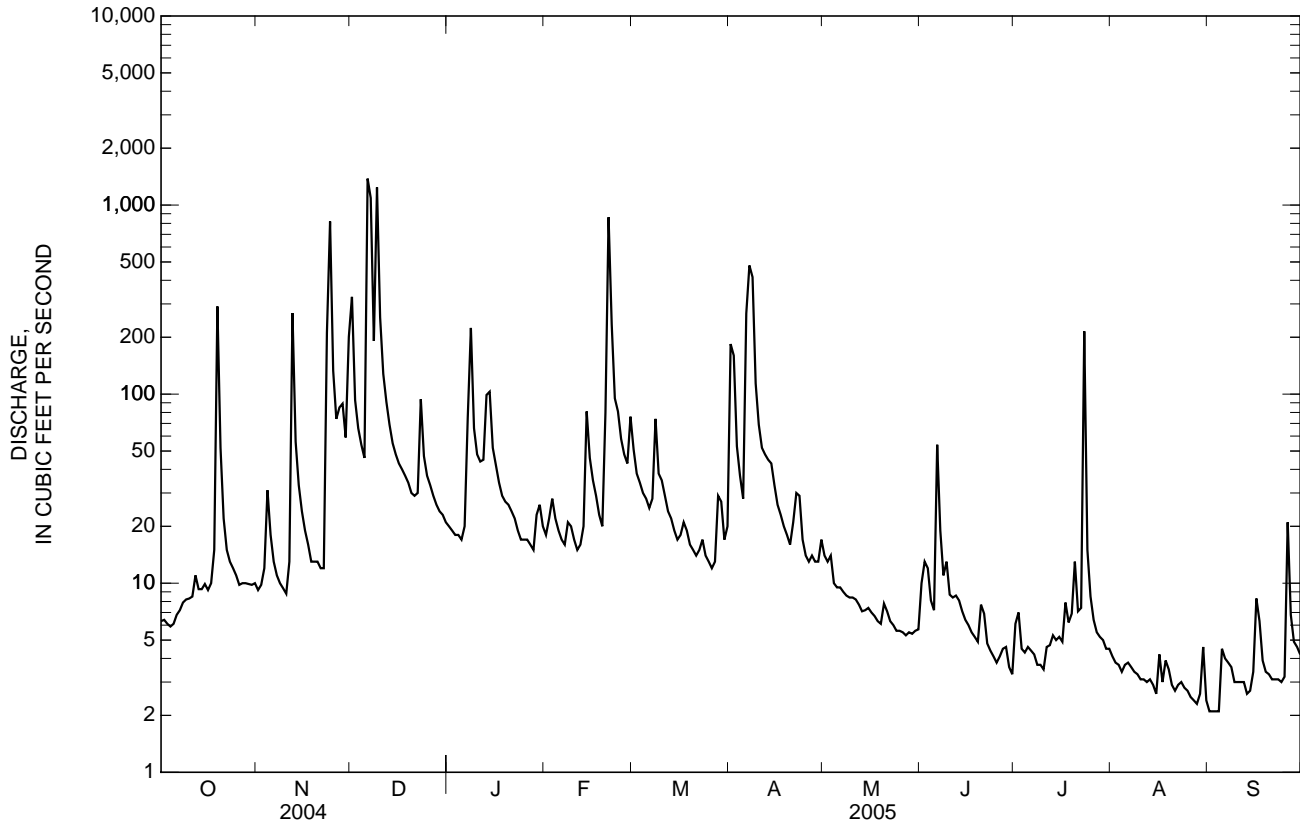
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.3	9.2	327	20	18	51	184	14	10	6.1	4.1	2.1
2	6.4	9.8	93	19	22	38	160	13	13	7.0	3.8	2.1
3	6.1	12	66	18	28	34	53	14	12	4.5	3.7	2.1
4	5.9	31	54	18	22	30	37	10	8.1	4.3	3.4	2.1
5	6.1	18	46	17	19	28	28	9.5	7.2	4.6	3.7	4.5
6	6.8	13	1,380	20	17	25	267	9.5	54	4.4	3.8	4.0
7	7.2	11	1,090	75	16	28	479	9.0	19	4.2	3.6	3.8
8	7.9	10	191	224	21	74	416	8.6	11	3.7	3.4	3.6
9	8.2	9.4	1,240	66	20	38	114	8.4	13	3.7	3.3	3.0
10	8.3	8.8	255	48	17	35	69	8.4	8.7	3.5	3.1	3.0
11	8.5	13	128	44	15	29	52	8.2	8.4	4.6	3.1	3.0
12	11	268	91	45	16	24	48	7.7	8.6	4.7	3.0	3.0
13	9.3	56	69	99	20	22	45	7.1	8.1	5.3	3.1	2.6
14	9.3	33	55	103	81	19	43	7.2	7.1	5.0	2.9	2.7
15	9.9	24	48	52	46	17	33	7.4	6.4	5.2	2.6	3.4
16	9.2	19	43	42	35	18	26	7.0	6.0	4.9	4.2	8.3
17	10	16	40	34	29	21	23	6.7	5.5	7.9	3.0	6.3
18	15	13	37	29	23	19	20	6.3	5.2	6.2	3.9	3.9
19	291	13	34	27	20	16	18	6.1	4.9	6.9	3.5	3.4
20	52	13	30	26	80	15	16	7.8	7.7	13	2.9	3.3
21	22	12	29	24	862	14	21	7.1	6.9	7.1	2.7	3.1
22	15	12	30	22	234	15	30	6.3	4.8	7.4	2.9	3.1
23	13	211	94	19	95	17	29	6.0	4.4	215	3.0	3.1
24	12	819	47	17	81	14	17	5.6	4.1	15	2.8	3.0
25	11	133	37	17	58	13	14	5.6	3.8	8.5	2.7	3.2
26	9.8	74	33	17	48	12	13	5.5	4.1	6.4	2.5	21
27	10	85	29	16	43	13	14	5.3	4.5	5.5	2.4	6.8
28	10	89	26	15	76	29	13	5.5	4.6	5.2	2.3	4.9
29	9.9	59	24	23	---	27	13	5.4	3.6	5.0	2.6	4.6
30	9.8	201	23	26	---	17	17	5.6	3.3	4.5	4.6	4.2
31	10	---	21	20	---	20	---	5.7	---	4.5	2.4	---
TOTAL	626.9	2,295.2	5,710	1,242	2,062	772	2,312	239.5	268.0	393.8	99.0	127.2
MEAN	20.2	76.5	184	40.1	73.6	24.9	77.1	7.73	8.93	12.7	3.19	4.24
MAX	291	819	1,380	224	862	74	479	14	54	215	4.6	21
MIN	5.9	8.8	21	15	15	12	13	5.3	3.3	3.5	2.3	2.1
CFSM	0.61	2.32	5.58	1.21	2.23	0.75	2.34	0.23	0.27	0.38	0.10	0.13
IN.	0.71	2.59	6.44	1.40	2.32	0.87	2.61	0.27	0.30	0.44	0.11	0.14

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	11.2	26.6	65.0	60.3	78.4	67.1	50.6	46.6	20.2	20.7	9.48	12.7
MAX	24.2	76.5	184	127	160	103	115	156	72.1	41.2	29.3	41.3
(WY)	(2002)	(2005)	(2005)	(1999)	(2003)	(2002)	(2000)	(2003)	(2001)	(2003)	(2001)	(2002)
MIN	3.04	4.54	5.36	19.5	26.5	24.9	16.5	6.51	6.06	4.21	3.19	3.54
(WY)	(2000)	(2000)	(2000)	(2000)	(2000)	(2005)	(1999)	(2000)	(2000)	(2002)	(2005)	(1999)

0357479650 HESTER CREEK NEAR PLEVNA, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	19,318.7		16,147.6		38.9	
ANNUAL MEAN	52.8		44.2		50.3	
HIGHEST ANNUAL MEAN					22.8	
LOWEST ANNUAL MEAN					1,570	
HIGHEST DAILY MEAN	1,410	Feb 6	1,380	Dec 6	1,570	Apr 3, 2000
LOWEST DAILY MEAN	3.2	Sep 15	2.1	Sep 1	2.1	Sep 1, 2005
ANNUAL SEVEN-DAY MINIMUM	3.7	Sep 9	2.6	Aug 29	2.6	Aug 29, 2005
MAXIMUM PEAK FLOW			2,740	Dec 6	4,470	May 6, 2003
MAXIMUM PEAK STAGE			8.52	Dec 6	9.55	May 6, 2003
ANNUAL RUNOFF (CFSM)	1.60		1.34		1.18	
ANNUAL RUNOFF (INCHES)	21.78		18.20		16.02	
10 PERCENT EXCEEDS	91		74		68	
50 PERCENT EXCEEDS	15		13		11	
90 PERCENT EXCEEDS	5.1		3.4		3.6	



TENNESSEE RIVER BASIN

03575100 FLINT RIVER AT BROWNSBORO, AL
(National Water-Quality Assessment Station)

LOCATION.--Lat 34°44'57", long 86°26'48", in SW 1/4 sec. 29, T. 3 S., R. 2 E., Madison County, Hydrologic Unit 06030002, on right bank on Brownsboro Road, 0.3 mi north of U.S. Highway 72, 10 mi east of Huntsville, at Brownsboro, and river mile 27.6.

DRAINAGE AREA.--375 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 620 ft above NGVD of 1929.

REMARKS.--Estimated daily discharges: Dec. 15, 16, 24, 25, 27, 28, Jan. 24-26, Feb. 11, 12, 27, 28, Mar. 2, 3, June 2-8, Sept. 13-22. Records good except those for estimated daily discharges, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 6,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	0000	13,400	18.99	Dec 9	2330	21,900	20.85
Dec 1	1530	6,730	16.28	Feb 22	0600	10,600	18.20
Dec 7	0930	*32,900	*22.59	Apr 7	1200	8,240	17.17

Minimum discharge, 98 ft³/s, on several days, gage height, 7.06 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	134	265	5,480	525	437	1,210	1,110	659	229	180	156	148
2	130	256	2,200	510	437	e957	2,670	468	e482	230	155	133
3	128	281	1,320	509	598	e845	1,260	396	e483	185	143	127
4	122	749	1,060	481	563	770	929	350	e406	240	127	121
5	122	612	905	459	482	712	770	324	e343	202	119	119
6	117	412	7,010	470	445	644	1,120	310	e535	249	135	117
7	118	333	26,700	570	409	668	6,920	298	e1,070	192	141	109
8	115	292	9,070	2,910	488	1,330	5,290	287	e933	177	144	107
9	117	264	11,000	1,530	566	1,020	2,720	276	807	171	145	105
10	122	249	11,800	1,070	483	831	1,530	267	464	189	145	103
11	118	247	2,600	909	e457	746	1,190	262	358	187	137	102
12	130	2,040	1,740	900	e437	663	1,070	252	342	204	122	101
13	133	1,580	1,410	924	399	602	1,070	237	367	288	119	e109
14	132	842	1,190	1,910	1,300	551	942	285	320	211	130	e103
15	133	608	e967	1,150	1,210	514	806	261	273	393	127	e97
16	129	487	e915	933	878	510	691	241	247	252	129	e123
17	127	419	900	790	722	535	612	228	231	314	120	e247
18	133	376	839	688	601	567	560	223	216	429	113	e200
19	2,310	348	785	625	531	503	516	215	205	264	123	e140
20	2,700	340	707	619	709	470	474	294	252	234	111	e120
21	840	325	667	588	5,750	437	529	359	433	231	110	e111
22	495	312	662	549	8,280	435	818	264	222	238	116	e103
23	363	718	1,590	484	2,310	494	904	239	207	687	118	106
24	304	8,090	e1,460	e467	1,620	465	601	227	196	437	112	102
25	276	6,040	e919	e468	1,290	419	498	213	187	233	109	102
26	255	1,620	795	e450	1,080	394	449	203	187	183	102	365
27	238	1,250	e712	409	e1,040	402	432	201	191	176	103	455
28	322	1,600	e640	378	e1,350	1,100	400	201	224	169	107	214
29	274	1,150	620	407	---	1,040	383	197	192	153	110	164
30	261	1,150	591	560	---	730	685	196	181	149	149	143
31	251	---	559	491	---	919	---	193	---	151	153	---
TOTAL	11,149	33,255	97,813	23,733	34,872	21,483	37,949	8,626	10,783	7,598	3,930	4,396
MEAN	360	1,108	3,155	766	1,245	693	1,265	278	359	245	127	147
MAX	2,700	8,090	26,700	2,910	8,280	1,330	6,920	659	1,070	687	156	455
MIN	115	247	559	378	399	394	383	193	181	149	102	97
CFSM	0.96	2.96	8.41	2.04	3.32	1.85	3.37	0.74	0.96	0.65	0.34	0.39
IN.	1.11	3.30	9.70	2.35	3.46	2.13	3.76	0.86	1.07	0.75	0.39	0.44

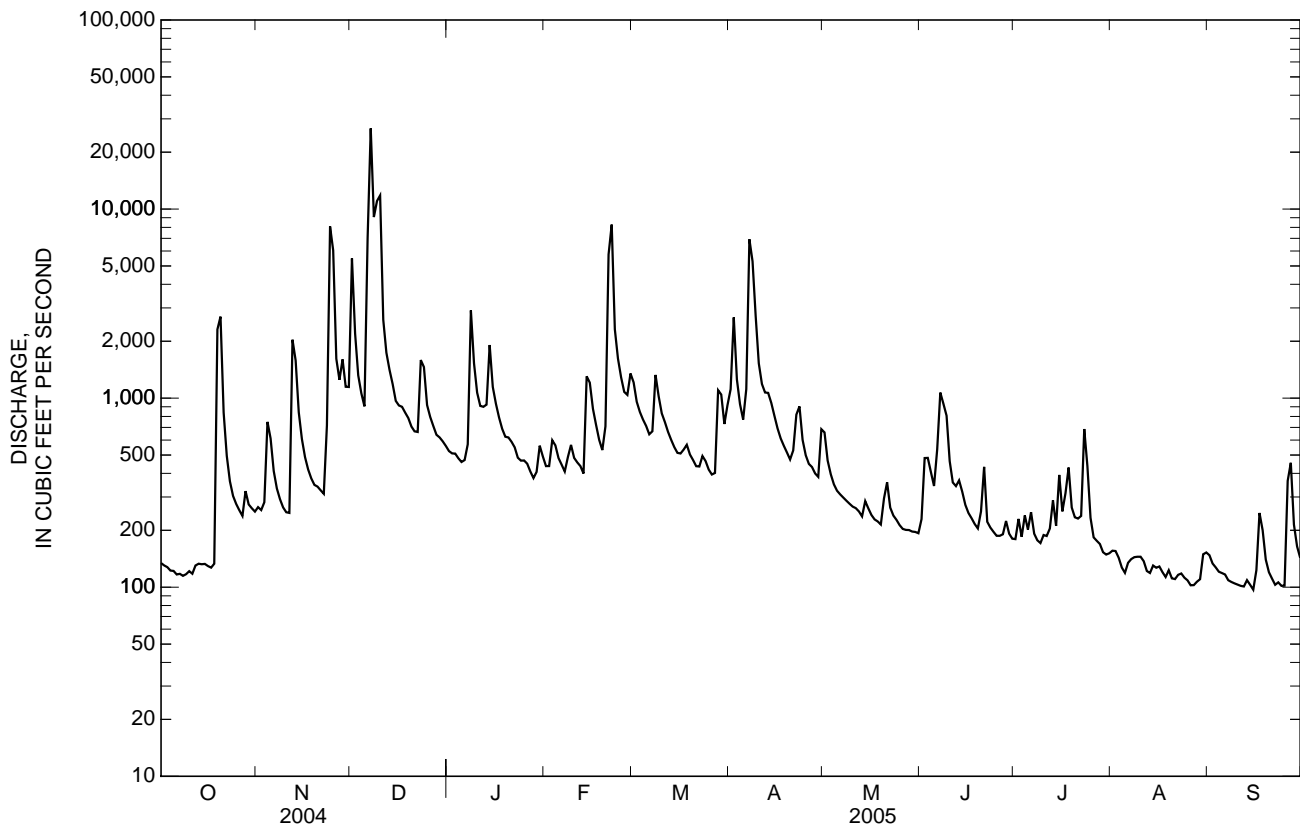
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2005, BY WATER YEAR (WY)

MEAN	208	429	1,143	1,014	1,353	1,132	900	780	443	426	216	239
MAX	460	1,108	3,155	2,184	2,283	1,485	1,821	2,348	1,207	891	706	497
(WY)	(2002)	(2005)	(2005)	(1999)	(2003)	(2004)	(2000)	(2003)	(2001)	(2001)	(2001)	(2001)
MIN	85.4	125	185	376	513	693	447	249	172	113	112	89.9
(WY)	(2001)	(1999)	(2000)	(2000)	(2000)	(2005)	(1999)	(2000)	(2000)	(2000)	(1999)	(1999)

03575100 FLINT RIVER AT BROWNSBORO, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1999 - 2005	
ANNUAL TOTAL	340,546		295,587		687	
ANNUAL MEAN	930		810		825	
HIGHEST ANNUAL MEAN					403	
LOWEST ANNUAL MEAN					2000	
HIGHEST DAILY MEAN	26,700	Dec 7	26,700	Dec 7	26,700	Dec 7, 2004
LOWEST DAILY MEAN	115	Oct 8	97	Sep 15	76	Aug 24, 2000
ANNUAL SEVEN-DAY MINIMUM	118	Oct 5	103	Sep 9	81	Oct 15, 2000
MAXIMUM PEAK FLOW			32,900	Dec 7	36,400	Feb 6, 2004
MAXIMUM PEAK STAGE			22.59	Dec 7	23.03	Feb 6, 2004
ANNUAL RUNOFF (CFSM)	2.48		2.16		1.83	
ANNUAL RUNOFF (INCHES)	33.78		29.32		24.90	
10 PERCENT EXCEEDS	1,580		1,290		1,310	
50 PERCENT EXCEEDS	378		400		325	
90 PERCENT EXCEEDS	145		121		100	

e Estimated



03575500 TENNESSEE RIVER AT WHITESBURG, AL

LOCATION.--Lat 34°34'18", long 86°33'29", SW ¼ sec. 29, T. 5 S., R. 1 E., Madison County, Hydrologic Unit 06030002, at Whitesburg, on right bank 2,500 ft upstream from Aldridge Creek, 3,000 ft upstream from Clement C. Clay Bridge on U.S. Highway 231, 11.0 mi south of Huntsville, 15.1 mi downstream from Guntersville Dam, and at mile 333.9.

DRAINAGE AREA.--25,610 mi².

PERIOD OF RECORD.--October 1924 to September 1997. October 1997 to current year (gage height only). October 1999 to current year. Monthly discharge only for some periods, published in WSP 1306. Prior to October 1936, published as "at Decatur." Gage-height records collected in this vicinity since 1875 (fragmentary prior to April 1909) are contained in files of U.S. Army Corps of Engineers and in reports of National Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 549.00 ft above NGVD of 1929. Oct 1, 1924, to Dec. 2, 1926, nonrecording gage, and Dec. 3, 1926, to Sept. 30, 1936, water-stage recorder, at site 28.3 mi downstream at datum 14.70 ft lower. Oct. 1, 1936, to Sept. 30, 1960, water-stage recorder 830 ft downstream at same datum. Since Mar. 4, 1937, auxiliary gage is located 28.3 mi downstream.

REMARKS.--Estimated daily discharge: Mar. 30 - Apr. 5. Records fair except for estimated daily discharges, which are poor. Flow almost completely regulated. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 323,000 ft³/s, Mar. 19 1973, gage height 26.06 ft. Maximum gage height (since October 1997), 16.41 ft, Jan. 9, 1998; minimum gage height (since October 1997), 1.08 ft, Jan. 3, 4, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 253,000 ft³/s, Dec. 10, 11, gage height, 22.03 ft; minimum discharge, 0.00 ft³/s, on many days, minimum gage height, 1.83 ft, Mar. 22.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49,800	42,500	98,500	62,900	47,200	85,700	e56,500	19,700	15,500	32,900	30,000	32,000
2	37,100	37,300	108,000	64,400	46,700	83,500	e48,200	27,800	16,300	27,900	30,000	32,600
3	38,600	39,900	127,000	64,100	47,900	74,200	e40,800	26,900	36,500	28,600	28,600	24,200
4	38,200	61,200	137,000	50,100	48,300	54,800	e49,600	27,900	29,100	25,900	30,500	22,500
5	37,600	81,400	137,000	63,200	47,900	52,600	e55,000	27,000	31,300	30,700	31,800	23,600
6	39,100	79,400	142,000	49,100	47,200	51,300	68,100	29,500	31,500	22,500	31,000	31,500
7	39,300	77,200	185,000	48,600	44,700	47,800	70,500	19,300	26,800	39,200	22,300	33,800
8	39,100	70,400	237,000	50,700	41,700	51,100	82,600	27,400	27,000	54,400	33,200	26,900
9	35,200	57,400	241,000	53,000	41,800	55,200	107,000	25,400	33,700	68,100	32,800	40,000
10	35,200	56,300	249,000	56,600	40,500	53,500	97,500	17,500	32,000	71,100	35,900	33,600
11	37,100	53,400	247,000	64,700	34,300	53,200	72,000	19,800	34,000	82,400	40,800	33,600
12	37,900	61,600	224,000	64,300	30,700	52,300	51,600	24,800	30,600	65,300	39,200	38,500
13	41,600	68,500	207,000	63,500	27,400	51,300	44,700	20,200	34,600	47,500	32,200	34,600
14	41,600	66,300	179,000	71,200	32,600	51,500	54,000	12,800	36,800	48,400	22,100	31,800
15	40,300	66,200	168,000	77,200	34,400	51,100	55,300	14,600	42,900	38,400	31,900	34,000
16	39,200	65,400	147,000	76,300	39,200	50,000	40,600	21,200	37,800	37,100	29,400	41,500
17	36,200	65,200	99,300	76,200	49,800	48,400	28,900	15,900	30,100	40,600	31,400	28,200
18	38,800	65,100	94,000	75,200	52,600	32,800	21,400	27,300	29,300	29,800	32,600	34,400
19	43,600	64,000	93,700	74,300	55,200	32,200	21,200	31,500	28,100	40,200	35,700	43,800
20	63,500	62,400	95,100	70,600	54,900	21,100	22,300	42,400	29,700	48,900	36,600	43,100
21	64,100	63,900	99,500	60,000	60,200	22,800	13,500	25,500	29,600	48,100	31,500	45,200
22	51,700	63,800	99,100	47,700	86,400	23,300	21,500	31,800	28,300	40,100	36,000	44,200
23	49,600	64,800	90,300	47,300	113,000	25,600	30,600	46,100	32,800	32,300	33,200	43,900
24	50,900	85,500	69,000	44,600	111,000	26,100	27,600	27,800	30,900	32,400	28,500	39,600
25	48,300	128,000	65,000	43,200	92,700	25,600	22,200	39,000	26,000	39,400	31,300	33,800
26	47,500	127,000	64,700	43,800	76,700	21,600	17,400	39,300	28,700	43,600	34,800	45,200
27	48,100	109,000	65,000	45,600	73,100	19,400	22,000	38,500	31,700	42,300	31,900	35,600
28	48,000	105,000	64,600	47,100	78,200	27,800	20,900	28,000	21,700	35,000	25,200	37,800
29	48,800	100,000	63,600	46,100	---	38,300	20,000	22,600	27,400	26,200	32,800	14,900
30	48,200	93,300	63,400	47,400	---	e41,300	41,900	16,000	26,800	26,600	34,100	18,400
31	47,400	---	63,600	47,600	---	e39,900	---	30,700	---	26,800	29,500	---
TOTAL	1,361,600	2,181,400	4,023,400	1,796,600	1,556,300	1,365,300	1,325,400	824,200	897,500	1,272,700	986,800	1,022,800
MEAN	43,920	72,710	129,800	57,950	55,580	44,040	44,180	26,590	29,920	41,050	31,830	34,090
MAX	64,100	128,000	249,000	77,200	113,000	85,700	107,000	46,100	42,900	82,400	40,800	45,200
MIN	35,200	37,300	63,400	43,200	27,400	19,400	13,500	12,800	15,500	22,500	22,100	14,900
CFSM	1.72	2.84	5.07	2.26	2.17	1.72	1.73	1.04	1.17	1.60	1.24	1.33
IN.	1.98	3.17	5.84	2.61	2.26	1.98	1.93	1.20	1.30	1.85	1.43	1.49

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

MEAN	30,170	37,610	53,560	62,690	68,780	63,670	41,250	35,330	31,420	31,630	32,050	29,410
MAX	74,640	107,200	129,800	160,000	176,900	137,600	141,600	113,600	84,230	68,950	46,760	52,860
(WY)	(1990)	(1958)	(2005)	(1974)	(1957)	(1963)	(1994)	(2003)	(1989)	(1989)	(1938)	(1950)
MIN	12,860	13,470	12,860	14,450	20,790	17,210	8,425	9,043	13,300	15,490	17,090	13,310
(WY)	(1940)	(1940)	(1940)	(1940)	(1941)	(1988)	(1986)	(1986)	(1988)	(1988)	(1988)	(1968)

03575500 TENNESSEE RIVER AT WHITESBURG, AL—Continued

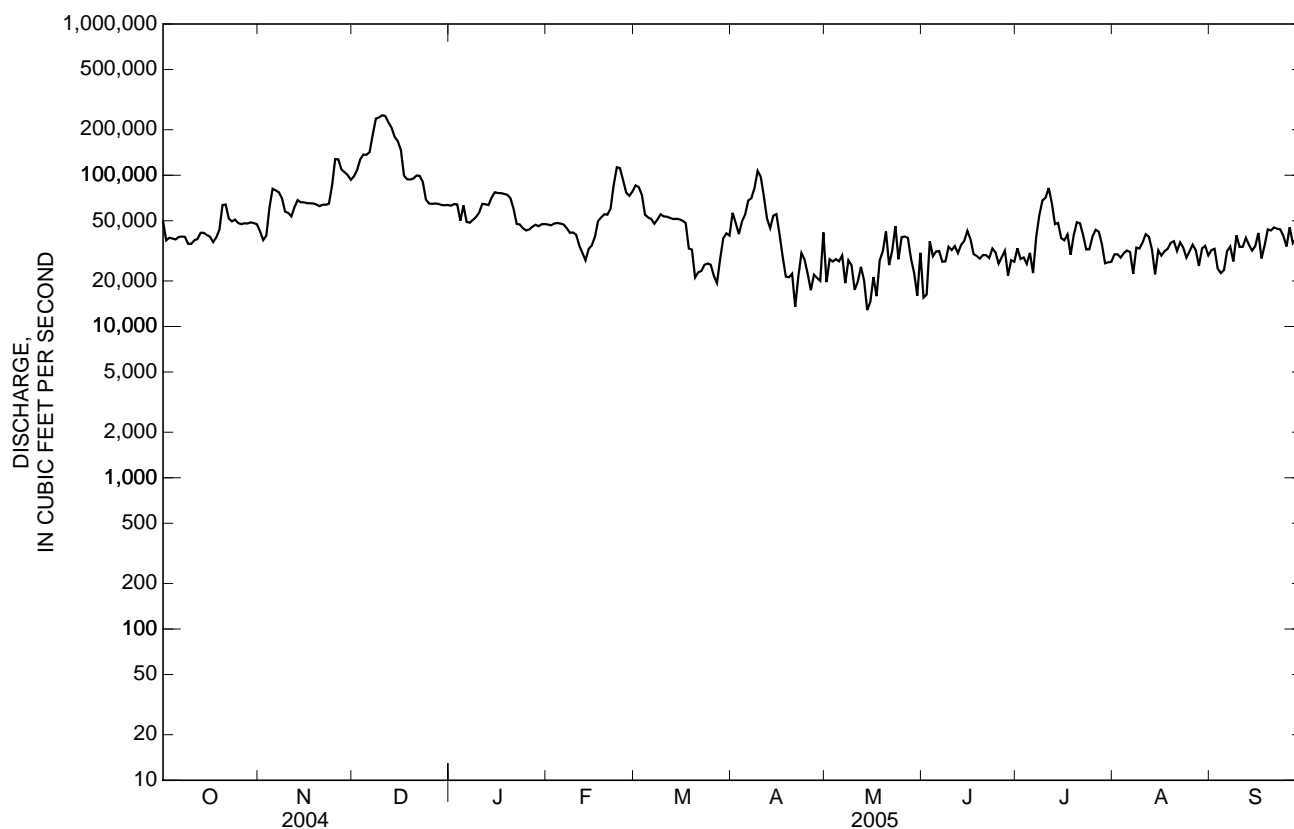
SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 1937 - 2005

ANNUAL TOTAL	18,614,000			
ANNUAL MEAN	51,000		43,070	
HIGHEST ANNUAL MEAN			66,170	1973
LOWEST ANNUAL MEAN			19,700	1988
HIGHEST DAILY MEAN	249,000	Dec 10	321,000	Mar 19, 1973
LOWEST DAILY MEAN	12,800	May 14	400	Jul 24, 1966
ANNUAL SEVEN-DAY MINIMUM	18,500	May 11	2,210	Jan 17, 1939
MAXIMUM PEAK FLOW	253,000	Dec 10	323,000	Mar 19, 1973
MAXIMUM PEAK STAGE	22.03	Dec 10	26.06	Mar 19, 1973
ANNUAL RUNOFF (CFSM)	1.99		1.68	
ANNUAL RUNOFF (INCHES)	27.04		22.85	
10 PERCENT EXCEEDS	85,600		77,200	
50 PERCENT EXCEEDS	40,800		34,900	
90 PERCENT EXCEEDS	24,000		16,000	

e Estimated



TENNESSEE RIVER MAIN STEM

03575500 TENNESSEE RIVER AT WHITESBURG, AL—Continued

 GAGE HEIGHT, FEET
 WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.46	5.98	11.48	6.74	4.66	9.20	6.34	6.67	6.22	6.88	6.70	6.54
2	6.68	5.33	11.89	6.90	4.65	8.91	7.03	6.98	6.42	7.08	6.66	6.95
3	6.73	5.09	13.17	6.73	4.83	8.09	7.90	6.98	7.46	---	6.62	6.84
4	6.60	6.58	13.79	5.51	4.77	6.03	8.58	7.08	7.31	7.45	6.93	6.66
5	6.44	8.27	13.67	6.31	4.76	5.50	9.05	7.02	---	---	6.99	6.57
6	6.36	8.25	14.17	4.96	4.88	5.26	9.03	7.14	7.71	7.08	7.13	6.74
7	6.11	8.62	17.47	4.75	4.79	4.98	9.26	7.20	7.39	7.56	7.06	6.65
8	5.70	8.38	20.84	5.37	4.70	5.33	9.97	7.65	7.38	8.10	7.49	6.41
9	5.78	7.31	21.22	6.12	4.92	5.40	11.76	7.27	7.59	---	7.54	7.07
10	6.67	6.80	21.78	6.82	4.84	5.23	11.06	6.72	7.39	8.83	7.28	7.07
11	7.09	6.67	21.64	7.33	3.91	5.28	9.35	7.13	6.96	9.43	7.27	7.30
12	6.54	7.46	20.10	7.31	3.28	5.24	8.40	7.35	7.00	8.76	7.12	7.53
13	6.13	8.12	18.94	7.35	3.56	5.40	7.97	7.02	7.37	7.97	6.96	7.00
14	5.55	8.08	17.02	8.20	3.83	5.37	8.23	6.95	7.18	7.76	6.61	6.72
15	4.91	7.89	16.03	8.77	4.19	5.17	8.35	6.96	7.42	7.08	6.99	6.35
16	4.78	7.63	14.17	8.74	4.92	4.92	7.52	6.94	7.16	7.17	7.11	6.74
17	5.16	7.46	9.88	8.58	5.73	4.47	7.10	6.51	---	7.58	7.03	6.46
18	5.86	7.12	9.29	8.40	5.70	3.40	7.02	6.69	6.75	7.51	7.00	6.85
19	6.29	6.99	9.23	8.26	5.86	3.42	7.11	6.85	6.75	7.65	7.30	7.36
20	8.39	7.19	9.16	8.05	5.93	3.07	7.25	7.60	7.20	7.78	7.64	7.08
21	8.53	7.44	9.54	6.96	6.84	3.18	7.17	7.28	7.43	7.87	7.45	6.83
22	7.58	7.42	9.48	5.75	9.48	2.99	7.63	7.44	6.96	7.72	7.63	6.55
23	7.05	7.42	8.79	5.34	11.96	3.41	7.71	8.21	6.89	7.33	7.19	6.47
24	6.71	9.46	6.70	4.34	11.96	3.61	7.14	7.45	6.77	7.40	6.47	6.31
25	6.18	13.22	6.44	4.47	10.46	3.81	7.07	7.74	6.79	7.65	6.59	6.55
26	5.85	13.55	6.55	4.74	9.21	3.83	7.16	7.67	7.20	7.52	6.86	7.72
27	6.05	11.99	6.49	4.91	---	3.67	7.20	7.44	7.48	7.11	7.07	7.16
28	6.01	11.66	6.16	4.75	8.75	4.18	6.92	6.93	6.79	6.75	6.81	7.05
29	6.17	11.28	6.06	4.57	---	4.90	6.69	6.77	6.72	6.52	6.54	5.88
30	6.17	10.81	6.26	4.85	---	5.32	7.63	6.53	6.62	6.62	6.13	5.77
31	6.32	---	6.46	4.74	---	5.91	---	6.86	---	6.57	6.02	---
MEAN	6.38	8.32	12.38	6.34	---	4.98	8.02	7.13	---	---	6.97	6.77
MAX	8.53	13.55	21.78	8.77	---	9.20	11.76	8.21	---	---	7.64	7.72
MIN	4.78	5.09	6.06	4.34	---	2.99	6.34	6.51	---	---	6.02	5.77

03576250 LIMESTONE CREEK NEAR ATHENS, AL

LOCATION.--Lat 34°45'06", long 86°49'24", in SW 1/4 sec. 26, T. 3 S., R. 3 W., Limestone County, Hydrologic Unit 06030002, on downstream side of U.S. Highway 72 bridge, 9 mi east of Athens, 12 mi west of Huntsville, and at mile 17.0.

DRAINAGE AREA.--119 mi².

PERIOD OF RECORD.--October 1939 to September 1970. October 1970 to September 1985 (annual peak discharge only). October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 626.34 ft above NGVD of 1929.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Dec. 23, 1990 reached a stage of 15.20 ft, discharge, 26,700 ft³/s.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 24	1530	6,280	9.99	Dec 9	1845	5,250	9.48
Dec 7	0900	*11,800	*12.00	Feb 21	2000	5,240	9.47

Minimum discharge, 13 ft³/s, Aug. 28, 29, gage height, 0.82 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

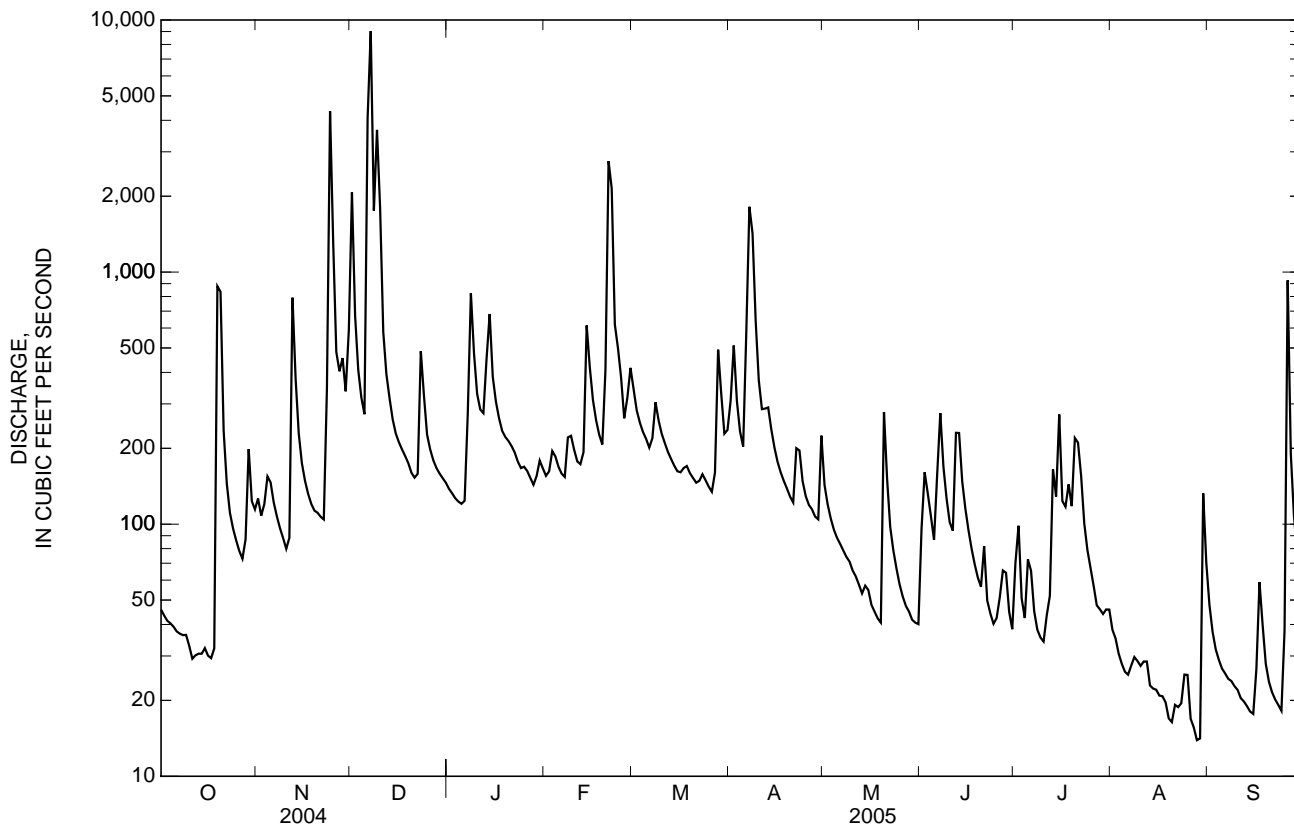
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	46	126	2,070	138	155	343	309	143	96	70	38	48
2	43	108	672	133	162	283	511	120	161	99	35	37
3	41	120	410	127	195	253	308	105	132	51	31	32
4	40	155	318	123	186	232	234	95	107	42	28	29
5	39	146	273	120	169	218	203	88	87	72	26	27
6	38	122	4,080	124	159	201	573	83	158	65	25	26
7	37	107	9,040	273	154	219	1,820	79	276	45	27	24
8	36	96	1,750	824	221	305	1,420	74	169	38	30	24
9	36	88	3,670	476	224	258	641	71	126	36	29	23
10	33	80	1,790	329	197	228	372	65	102	34	27	22
11	29	88	579	285	178	209	286	62	94	43	29	20
12	30	792	394	276	173	193	287	58	230	52	29	20
13	31	376	317	450	193	181	290	53	230	165	23	19
14	31	229	261	682	614	171	237	57	148	129	22	18
15	32	174	229	384	419	162	201	55	115	272	22	18
16	30	148	211	306	311	161	177	48	95	124	21	27
17	29	132	198	263	259	167	160	45	80	117	21	59
18	32	120	186	234	226	170	148	42	69	144	20	40
19	878	113	175	222	207	159	138	41	61	118	17	28
20	835	111	160	214	409	152	129	278	56	220	16	24
21	235	107	153	204	2,750	146	122	151	82	210	19	22
22	145	104	158	192	2,150	149	200	97	50	155	19	20
23	111	343	485	177	620	158	196	79	44	101	19	19
24	96	4,350	324	167	500	149	148	67	40	79	25	18
25	86	1,310	227	169	381	141	129	58	42	67	25	38
26	78	482	198	163	263	134	119	52	51	57	17	928
27	73	404	179	153	318	160	115	47	66	48	16	190
28	87	456	167	143	417	492	107	45	64	46	14	108
29	198	336	159	155	---	329	105	42	45	44	14	78
30	123	590	152	179	---	229	225	41	38	46	133	62
31	114	---	146	166	---	236	---	40	---	46	70	---
TOTAL	3,692	11,913	29,131	7,851	12,210	6,588	9,910	2,381	3,114	2,835	887	2,048
MEAN	119	397	940	253	436	213	330	76.8	104	91.5	28.6	68.3
MAX	878	4,350	9,040	824	2,750	492	1,820	278	276	272	133	928
MIN	29	80	146	120	154	134	105	40	38	34	14	18
CFSM	1.00	3.34	7.90	2.13	3.66	1.79	2.78	0.65	0.87	0.77	0.24	0.57
IN.	1.15	3.72	9.11	2.45	3.82	2.06	3.10	0.74	0.97	0.89	0.28	0.64

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1940 - 2005, BY WATER YEAR (WY)

	MEAN	47.9	118	269	390	465	411	285	161	91.7	89.3	52.1	52.0
MAX	192	809	940	1,181	1,167	1,052	736	676	395	379	329	184	
(WY)	(1998)	(1958)	(2005)	(1949)	(1951)	(1963)	(1964)	(2003)	(1997)	(1967)	(1967)	(1950)	
MIN	11.6	14.1	22.0	25.3	101	52.5	55.0	21.4	16.9	18.5	11.9	9.24	
(WY)	(1954)	(1954)	(1940)	(1940)	(1941)	(1962)	(1966)	(1941)	(1941)	(2000)	(1954)	(1954)	

03576250 LIMESTONE CREEK NEAR ATHENS, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1940 - 2005	
ANNUAL TOTAL	111,624		92,560		202	
ANNUAL MEAN	305		254		346	
HIGHEST ANNUAL MEAN					79.4	
LOWEST ANNUAL MEAN					1949	
HIGHEST DAILY MEAN	10,600	Feb 6	9,040	Dec 7	14,200	Mar 12, 1963
LOWEST DAILY MEAN	19	Aug 18	14	Aug 28	8.0	Sep 2, 1962
ANNUAL SEVEN-DAY MINIMUM	24	Aug 13	19	Aug 23	8.8	Sep 11, 1954
MAXIMUM PEAK FLOW			11,800	Dec 7	45,800	Mar 16, 1973
MAXIMUM PEAK STAGE			12.00	Dec 7	17.48	Mar 16, 1973
ANNUAL RUNOFF (CFSM)	2.56		2.13		1.69	
ANNUAL RUNOFF (INCHES)	34.89		28.93		23.01	
10 PERCENT EXCEEDS	464		409		426	
50 PERCENT EXCEEDS	119		129		72	
90 PERCENT EXCEEDS	37		27		18	



03577150 TENNESSEE RIVER AT DECATUR, AL

LOCATION.--Lat 34°36'47", long 86°58'26", NE ¼ sec. 17, T. 5 S., R. 4 W., Morgan County, Hydrologic Unit 06030002, on left bank at downstream side of Keller Memorial Bridge on U.S. Highway 31 in Decatur, 3.8 mi downstream from Flint Creek, 30 mi upstream of Wheeler Dam, and at mile 305.1.

DRAINAGE AREA.--26,900 mi².

PERIOD OF RECORD.--December 1926 to current year (gage heights). October 1990 to current year in reports of Geological Survey. Records for December 1926 to September 1990 in files of Tennessee Valley Authority.

GAGE.--Water-stage recorder. Datum of gage is 549.00 ft above NGVD of 1929.

REMARKS.--Records good. Gage heights affected by Wheeler Lake since October 1936.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height (prior to October 1936), 8.5 ft, date unknown, maximum gage height (since October 1936), 9.97 ft, Mar. 18, 1973; minimum gage height (since October 1936), -0.10 ft, Dec. 8, 1962.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum gage height known (from TVA records), 14.8 ft, Mar. 15, 1867.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 9.34 ft, Oct. 6; minimum gage height, 1.67 ft, Mar. 22.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.91	4.54	7.59	3.66	2.37	5.07	---	6.21	5.93	6.00	5.95	5.64
2	5.64	4.06	7.06	3.74	2.42	4.82	---	6.28	6.07	6.40	5.90	6.06
3	5.63	3.61	6.87	3.50	2.54	4.54	---	6.31	6.50	6.77	5.92	6.21
4	5.49	3.56	6.63	3.27	2.39	3.48	---	6.38	6.57	6.83	6.18	6.07
5	5.34	---	6.39	2.91	2.43	2.97	---	6.35	6.73	6.69	6.18	5.94
6	5.19	4.09	6.56	2.58	2.70	2.77	6.66	6.38	6.97	6.54	6.32	5.83
7	4.86	5.08	7.65	2.32	2.85	2.79	6.78	6.81	6.78	6.47	6.53	5.70
8	4.41	5.44	8.29	3.02	2.99	2.87	6.70	7.01	6.78	6.32	6.63	5.65
9	4.71	5.11	8.72	3.86	3.26	---	6.97	6.61	6.79	6.29	6.68	5.94
10	5.72	4.49	9.01	4.48	3.28	2.43	6.95	6.35	6.61	6.07	6.29	6.14
11	6.07	4.61	9.01	4.38	2.55	2.54	6.71	6.72	6.08	5.89	6.11	6.40
12	5.44	4.93	8.41	4.39	2.04	2.60	6.96	6.75	6.26	6.47	6.02	6.47
13	4.75	5.19	8.06	4.54	2.52	2.98	6.67	6.55	6.51	6.64	6.09	6.00
14	4.04	5.37	7.28	5.06	2.56	2.90	6.61	6.73	6.20	6.33	6.06	5.77
15	3.38	5.06	6.48	5.37	2.88	2.65	6.69	6.70	6.21	5.98	6.13	5.32
16	3.29	4.76	5.63	5.41	3.43	2.40	6.41	6.45	6.16	6.15	6.33	5.49
17	3.95	4.52	4.12	5.15	3.65	---	6.40	6.18	5.99	6.48	6.17	5.67
18	4.60	4.02	3.75	4.94	3.26	---	6.57	5.96	6.01	6.78	6.11	5.90
19	4.80	3.92	3.66	4.80	3.17	2.11	6.69	5.98	6.06	6.54	6.34	6.10
20	6.13	4.41	3.20	4.88	3.32	2.32	6.82	6.41	6.51	6.34	6.70	5.81
21	6.28	4.64	3.21	4.35	4.13	2.35	6.99	6.72	6.71	6.49	6.62	5.41
22	5.93	4.62	3.13	3.85	5.40	2.10	7.25	6.60	6.27	6.69	6.69	5.11
23	5.41	4.51	3.29	3.35	6.45	2.44	6.94	6.99	6.05	6.55	6.25	5.04
24	4.88	5.46	2.78	2.19	6.72	2.65	6.48	6.76	5.99	6.63	5.68	5.07
25	4.37	6.87	---	2.56	---	2.87	---	6.69	6.18	6.61	5.75	5.62
26	4.00	7.71	3.12	2.86	6.11	3.12	6.84	6.56	6.54	6.30	5.89	6.45
27	4.21	7.13	2.97	2.90	---	3.03	6.69	6.35	6.73	5.88	6.23	6.12
28	4.18	7.11	2.43	2.52	---	3.17	6.41	6.20	6.30	5.80	6.15	5.93
29	4.31	6.98	2.40	2.37	---	3.49	6.22	6.22	6.05	5.87	5.57	5.53
30	4.35	7.02	2.78	2.62	---	---	6.42	6.19	5.95	5.98	5.11	5.26
31	4.62	---	3.10	2.45	---	---	---	6.00	---	5.90	5.16	---
MEAN	4.90	---	---	3.69	---	---	---	6.46	6.35	6.34	6.12	5.79
MAX	6.28	---	---	5.41	---	---	---	7.01	6.97	6.83	6.70	6.47
MIN	3.29	---	---	2.19	---	---	---	5.96	5.93	5.80	5.11	5.04

03586500 BIG NANCE CREEK AT COURTLAND, AL

LOCATION.--Lat 34°40'12", long 87°19'02", in SW 1/4 sec. 30, T. 4 S., R. 7 W., Lawrence County, Hydrologic Unit 06030005, near right bank on downstream side of bridge on County Road 25 at Courtland, and at mile 12.9.

DRAINAGE AREA.--166 mi².

PERIOD OF RECORD.--September 1935 to September 1940, April 1945 to September 1981, March 1988 to current year.

REVISED RECORDS.--WSP 1033: 1939, 1940(M). WSP 1053: 1939(M). WSP 1306: 1936(M).

GAGE.--Water-stage recorder. Datum of gage is 537.60 ft above NGVD of 1929. July 25, 1935 to Sept. 30, 1940, nonrecording gage at same site and datum.

REMARKS.--Estimated daily discharge: Jan. 18, 19, Feb. 27. Records good except those estimated, which are poor. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,800 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov 25	1300	4,700	16.70	Dec 10	1300	5,910	18.65
Dec 8	0600	*8,000	*20.63				

Minimum discharge, 8.2 ft³/s, Sept. 24, 25, gage height, 1.41 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	22	72	2,270	133	83	706	266	98	38	34	25	129
2	20	66	1,810	124	101	425	544	81	67	29	23	62
3	19	64	700	118	425	319	312	67	60	23	22	41
4	18	248	525	116	243	272	180	60	48	171	20	31
5	18	273	439	111	152	229	142	55	35	326	19	26
6	18	134	2,400	108	115	193	499	52	30	493	19	23
7	15	98	6,110	167	100	169	2,860	51	27	138	18	19
8	14	83	7,300	1,590	316	748	3,180	49	30	70	17	18
9	13	66	4,660	1,170	382	542	1,260	47	27	47	17	17
10	14	57	5,480	492	215	388	648	43	24	36	17	17
11	14	54	3,580	365	142	332	468	40	24	472	15	16
12	18	134	1,040	378	111	233	601	48	168	796	15	15
13	20	208	724	850	120	187	831	39	354	278	18	14
14	19	127	605	2,480	531	165	468	36	76	117	14	13
15	16	87	520	1,330	498	171	335	37	37	107	13	13
16	15	74	472	542	270	152	244	33	24	336	14	14
17	14	68	433	382	193	158	194	31	17	156	17	19
18	14	63	397	e344	140	154	165	28	13	113	20	19
19	785	57	359	e268	114	133	146	27	11	188	13	16
20	2,410	56	313	184	381	119	130	26	18	131	12	13
21	1,210	56	270	165	2,040	125	114	26	876	191	11	12
22	332	57	232	146	1,950	143	106	25	262	140	11	10
23	204	295	487	123	885	516	107	24	70	73	11	9.7
24	338	2,820	500	101	1,040	312	97	23	43	57	11	9.0
25	339	4,390	275	93	743	192	86	21	33	47	14	38
26	181	2,270	217	92	499	151	80	20	29	39	18	497
27	126	629	190	86	e450	127	77	20	27	34	13	245
28	127	1,030	171	76	997	195	74	19	65	32	11	77
29	130	594	158	76	---	221	70	19	64	30	12	44
30	94	820	151	101	---	149	76	19	33	28	674	31
31	78	---	146	96	---	144	---	19	---	26	685	---
TOTAL	6,655	15,050	42,934	12,407	13,236	8,070	14,360	1,183	2,630	4,758	1,819	1,507.7
MEAN	215	502	1,385	400	473	260	479	38.2	87.7	153	58.7	50.3
MAX	2,410	4,390	7,300	2,480	2,040	748	3,180	98	876	796	685	497
MIN	13	54	146	76	83	119	70	19	11	23	11	9.0
CFSM	1.29	3.02	8.34	2.41	2.85	1.57	2.88	0.23	0.53	0.92	0.35	0.30
IN.	1.49	3.37	9.62	2.78	2.97	1.81	3.22	0.27	0.59	1.07	0.41	0.34

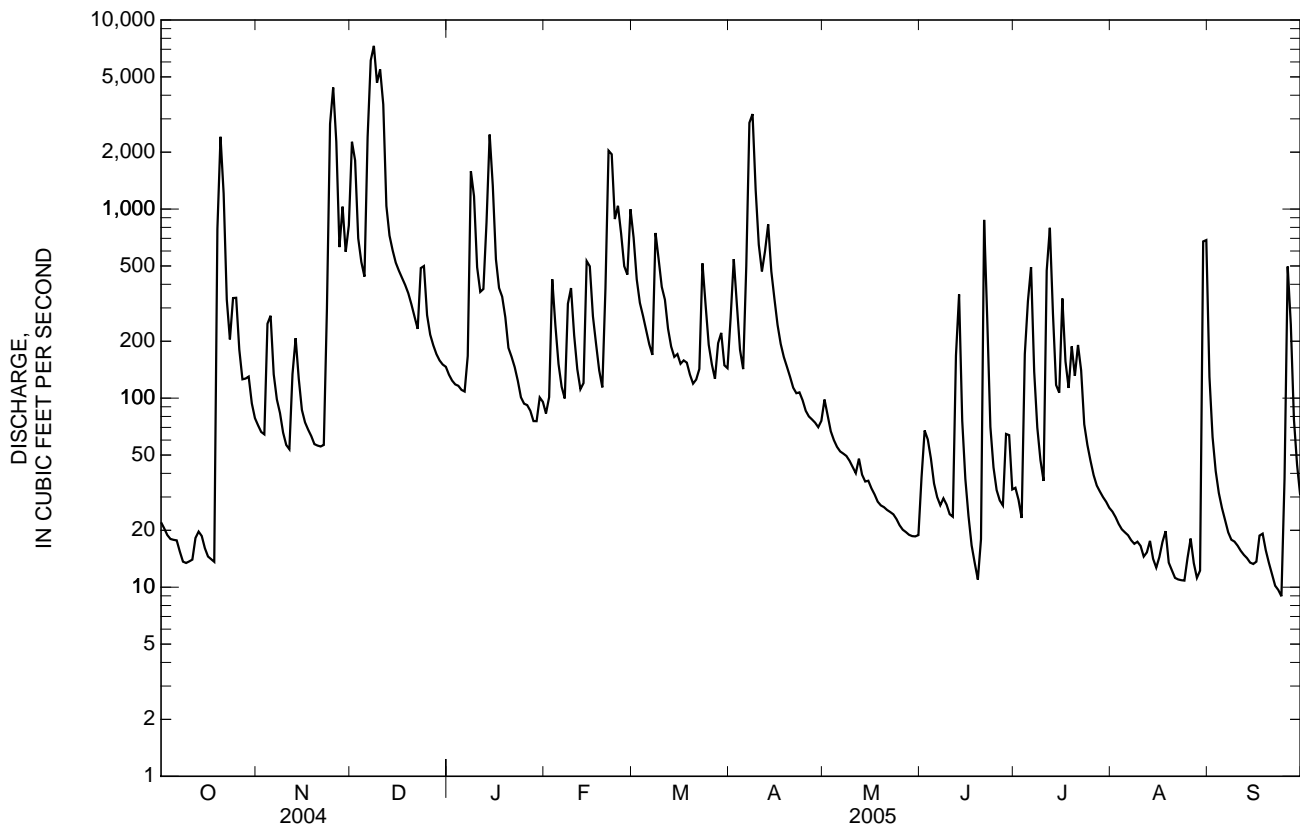
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1935 - 2005, BY WATER YEAR (WY)

MEAN	78.6	156	371	574	631	621	397	221	129	92.3	52.5	63.1
MAX	1,481	1,170	1,704	1,702	1,523	1,775	1,130	1,123	1,202	640	323	569
(WY)	(1976)	(1958)	(1991)	(1949)	(1991)	(1973)	(1970)	(2003)	(1997)	(1940)	(1938)	(1979)
MIN	0.52	1.87	2.96	8.56	103	69.1	88.0	18.2	4.49	1.68	1.65	1.03
(WY)	(1956)	(1940)	(1940)	(1956)	(1968)	(1988)	(1978)	(1988)	(1988)	(1954)	(1988)	(1947)

03586500 BIG NANCE CREEK AT COURTLAND, AL—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1935 - 2005	
ANNUAL TOTAL	148,278.6		124,609.7		283	
ANNUAL MEAN	405		341		580	1991
HIGHEST ANNUAL MEAN					97.9	1966
LOWEST ANNUAL MEAN					18,400	Dec 23, 1990
HIGHEST DAILY MEAN	8,940	Feb 7	7,300	Dec 8	0.40	Sep 15, 1954
LOWEST DAILY MEAN	8.6	Aug 19	9.0	Sep 24	0.41	Oct 11, 1955
ANNUAL SEVEN-DAY MINIMUM	11	Aug 13	12	Aug 19	27,200	Mar 16, 1973
MAXIMUM PEAK FLOW			8,000	Dec 8	24.97	Mar 16, 1973
MAXIMUM PEAK STAGE			20.63	Dec 8	1.71	
ANNUAL RUNOFF (CFSM)	2.44		2.06		23.18	
ANNUAL RUNOFF (INCHES)	33.23		27.92		639	
10 PERCENT EXCEEDS	875		713		76	
50 PERCENT EXCEEDS	96		106		5.4	
90 PERCENT EXCEEDS	17		16			

e Estimated



03589500 TENNESSEE RIVER AT FLORENCE, AL

LOCATION.--Lat 34°47'13", long 87°40'12", in SW ¼ sec. 14, T. 3 S., R. 11 W., Lauderdale County, Hydrologic Unit 06030005, on right bank at lower end of Patton Island, 137 ft upstream from Southern Railway bridge, 700 ft upstream from O'Neal Bridge on U.S. Highway 72, 1.1 mi south of Florence Post Office, 1.7 mi upstream from Cypress Creek, 2.7 mi downstream from Wilson Dam, and at mile 256.7.

DRAINAGE AREA.--30,810 mi², approximately.

PERIOD OF RECORD.--November 1871 to September 1894 (gage heights only), October 1894 to September 1997. October 1997 to current year (gage height only). October 1999 to current year.

REVISED RECORD.--WSP 473: 1897(M). WSP 1306: 1914(M), 1936 (monthly runoff). WSP 1436: 1897, 1899, 1916.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft above NGVD of 1929. Prior to Apr. 1, 1926, several National Weather Service staff gages at or near Southern Railway bridge 137 ft downstream at same datum. Apr. 1, 1926, to Mar. 11, 1958, water-stage recorder on left bank at lower end of old lock and dam, 1,400 ft upstream at same datum. Since Oct. 1, 1938, auxiliary water-stage recorder 15.2 mi downstream.

REMARKS.--No estimated daily discharge. Slight regulation since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above station. Flow now almost completely regulated. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 530,000 ft³/s, Mar. 17, 1973; maximum gage height, 32.50 ft, Mar. 19, 1897; maximum gage height (since October 1997), 21.15 ft, Apr. 23, 1998; minimum gage height (since October 1997), 7.32 ft, Jan. 1, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 371,000 ft³/s, Dec. 10, gage height, 25.99 ft.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62,500	61,200	154,000	60,100	53,300	102,000	63,700	28,400	20,700	31,000	33,000	33,200
2	39,100	56,900	163,000	77,300	53,700	104,000	53,500	34,200	21,000	22,100	43,300	32,200
3	45,300	58,500	154,000	74,100	65,400	102,000	45,000	30,200	38,700	26,200	28,400	32,100
4	48,600	69,200	157,000	78,000	52,600	97,600	55,900	33,600	34,000	29,700	31,900	30,200
5	45,800	91,300	153,000	76,500	55,200	68,900	57,400	33,900	30,600	43,400	36,000	29,900
6	48,200	75,500	191,000	56,700	55,300	63,600	94,200	30,800	51,300	30,300	26,700	42,700
7	55,000	67,000	290,000	67,100	48,600	54,900	111,000	16,300	29,200	52,800	23,300	40,400
8	51,000	72,500	318,000	64,700	53,500	65,800	118,000	36,100	41,300	62,300	31,800	36,900
9	23,800	77,700	339,000	67,500	51,700	70,700	117,000	41,600	38,600	69,300	45,300	36,100
10	24,300	70,400	347,000	70,100	56,000	63,700	132,000	23,200	51,200	73,000	46,900	34,300
11	65,200	50,400	317,000	78,700	60,100	58,600	87,200	20,900	50,000	87,500	52,400	38,100
12	61,900	71,900	281,000	84,200	36,700	57,000	60,700	33,900	35,500	49,100	39,500	50,100
13	58,600	70,700	253,000	76,500	44,800	58,500	61,200	18,500	50,800	54,400	32,600	42,500
14	74,900	69,300	230,000	91,200	53,700	59,300	52,600	20,600	49,700	61,400	26,400	46,100
15	51,500	82,900	211,000	100,000	40,400	62,900	54,000	20,500	49,000	42,300	31,900	42,000
16	48,200	76,200	191,000	91,500	50,200	65,600	64,100	31,200	50,500	35,600	37,500	37,600
17	22,900	78,200	147,000	91,900	60,700	52,900	37,000	30,600	38,300	37,600	40,600	32,800
18	55,000	80,300	108,000	90,600	70,300	41,500	33,200	31,000	41,400	35,800	33,300	35,400
19	91,200	69,300	127,000	89,300	69,400	39,800	33,600	30,200	30,000	60,400	33,700	55,300
20	78,300	51,600	113,000	79,200	65,200	29,800	33,600	38,700	24,000	57,000	38,100	51,900
21	83,000	68,400	112,000	90,800	85,500	35,400	32,100	31,100	43,500	42,100	35,000	53,000
22	75,300	67,600	121,000	68,000	117,000	28,600	28,800	35,600	47,300	51,600	46,500	52,400
23	66,900	81,700	138,000	72,000	131,000	31,500	32,300	45,500	44,800	39,000	47,700	50,900
24	67,100	114,000	89,500	59,200	131,000	33,700	34,600	36,600	29,800	34,500	36,500	32,200
25	69,100	138,000	80,100	51,500	118,000	31,900	23,300	36,400	30,900	57,400	35,800	29,400
26	47,900	149,000	78,800	50,400	98,200	19,800	30,100	50,800	27,800	54,000	29,300	69,100
27	53,200	136,000	96,500	58,300	101,000	34,400	37,200	48,300	41,100	49,500	33,500	53,100
28	51,900	115,000	84,500	58,000	105,000	39,200	23,300	22,300	36,300	38,000	41,300	56,500
29	62,400	106,000	66,400	54,800	---	44,300	32,100	26,700	37,600	26,700	69,700	22,900
30	56,900	122,000	70,200	57,400	---	45,600	50,300	22,700	37,100	32,600	47,500	26,600
31	49,600	---	70,500	55,600	---	44,800	---	40,800	---	35,200	26,400	---
TOTAL	1,734,600	2,498,700	5,251,500	2,241,200	1,983,500	1,708,300	1,689,000	981,200	1,152,000	1,421,800	1,161,800	1,225,900
MEAN	55,950	83,290	169,400	72,300	70,840	55,110	56,300	31,650	38,400	45,860	37,480	40,860
MAX	91,200	149,000	347,000	100,000	131,000	104,000	132,000	50,800	51,300	87,500	69,700	69,100
MIN	22,900	50,400	66,400	50,400	36,700	19,800	23,300	16,300	20,700	22,100	23,300	22,900
CFSM	1.82	2.70	5.50	2.35	2.30	1.79	1.83	1.03	1.25	1.49	1.22	1.33
IN.	2.09	3.02	6.34	2.71	2.39	2.06	2.04	1.18	1.39	1.72	1.40	1.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1937 - 2005, BY WATER YEAR (WY)

	MEAN	MAX	MIN	WY
1937	34,560	100,800	13,660	(1940)
1938	44,140	136,400	13,440	(1940)
1939	66,720	169,400	12,840	(2005)
1940	80,670	200,300	13,730	(1940)
1941	87,610	207,300	26,710	(1941)
1942	79,890	163,900	25,060	(1988)
1943	51,800	151,400	14,010	(1966)
1944	44,290	150,700	13,920	(1981)
1945	37,100	101,300	16,060	(1941)
1946	36,240	81,530	20,610	(1988)
1947	36,230	58,260	21,680	(1986)
1948	33,610	64,550	14,060	(1968)

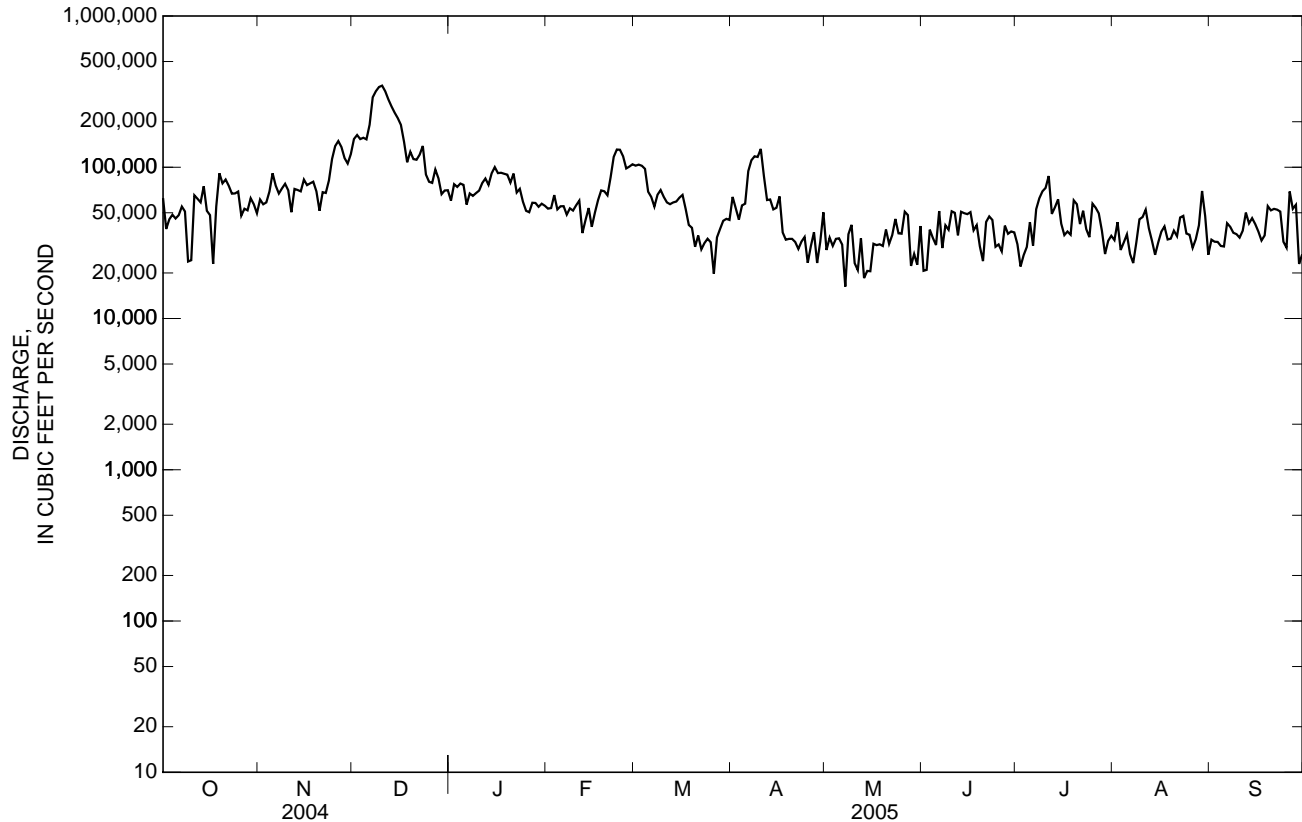
03589500 TENNESSEE RIVER AT FLORENCE, AL—Continued

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 1937 - 2005

ANNUAL TOTAL	23,049,500			
ANNUAL MEAN	63,150		52,600	
HIGHEST ANNUAL MEAN			80,210	1973
LOWEST ANNUAL MEAN			26,870	1941
HIGHEST DAILY MEAN	347,000	Dec 10	490,000	Mar 17, 1973
LOWEST DAILY MEAN	16,300	May 7	105	Sep 7, 1969
ANNUAL SEVEN-DAY MINIMUM	24,100	May 10	8,600	Apr 16, 1966
MAXIMUM PEAK FLOW	371,000	Dec 10	530,000	Mar 17, 1973
MAXIMUM PEAK STAGE	25.99	Dec 10	32.50	Mar 19, 1897
ANNUAL RUNOFF (CFSM)	2.05		1.71	
ANNUAL RUNOFF (INCHES)	27.83		23.20	
10 PERCENT EXCEEDS	109,000		101,000	
50 PERCENT EXCEEDS	51,600		39,800	
90 PERCENT EXCEEDS	29,800		20,500	



TENNESSEE RIVER MAIN STEM
03589500 TENNESSEE RIVER AT FLORENCE, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.03	11.09	19.38	10.03	10.22	12.77	11.74	12.88	12.90	13.25	12.84	12.55
2	12.45	10.83	19.69	11.23	10.09	12.49	12.26	13.01	13.11	12.65	13.23	12.65
3	12.45	10.66	19.00	11.11	10.49	12.24	11.83	12.56	13.39	12.68	12.99	12.73
4	12.31	11.11	18.53	11.21	9.80	12.23	11.79	12.60	13.06	12.95	13.11	12.70
5	12.04	12.60	17.94	11.04	10.42	10.77	11.59	12.79	13.00	13.46	13.23	12.86
6	11.87	12.23	19.27	10.58	10.65	10.32	13.60	12.98	13.19	12.97	12.88	13.33
7	12.12	11.83	23.49	10.96	10.15	10.32	16.12	12.59	12.50	13.47	12.68	13.43
8	12.24	12.17	24.42	11.45	10.34	10.75	17.25	13.40	13.05	13.36	12.67	13.34
9	11.29	12.40	25.02	11.79	10.01	11.09	16.96	14.23	13.19	13.53	12.75	13.13
10	10.59	12.42	25.25	11.56	9.88	10.71	17.64	13.65	13.39	13.48	12.93	12.64
11	11.58	11.41	24.03	12.00	10.39	10.27	16.30	13.23	13.22	14.31	13.32	12.56
12	11.92	12.04	22.49	12.34	9.36	9.83	14.27	13.59	12.81	13.25	13.14	12.69
13	---	11.99	21.00	12.20	9.38	10.45	14.05	13.26	12.90	13.17	12.60	12.52
14	12.93	11.98	19.72	13.41	10.11	10.70	13.51	13.31	12.87	13.37	12.42	12.96
15	12.03	12.86	18.66	13.86	9.52	11.07	13.37	13.46	12.98	12.91	12.51	13.05
16	11.24	12.79	17.51	13.62	9.82	11.45	14.20	13.66	13.35	12.80	12.56	12.65
17	10.17	12.95	15.28	13.48	9.99	10.61	14.00	13.38	13.35	12.72	12.92	12.25
18	11.07	13.36	12.96	13.29	10.61	10.0	14.12	13.27	13.37	12.37	13.12	12.24
19	13.11	12.97	13.76	13.03	10.46	10.18	13.81	13.44	12.79	13.28	13.33	12.97
20	14.37	11.72	12.83	12.21	10.74	9.63	13.53	13.66	12.21	13.31	13.31	12.80
21	14.49	11.80	12.47	12.87	12.14	9.56	13.40	13.32	12.52	13.13	13.21	12.78
22	14.11	11.57	13.25	12.11	14.62	9.38	13.13	13.29	12.83	13.64	13.23	12.67
23	13.71	12.23	14.69	11.77	15.58	9.63	13.07	12.83	13.04	13.16	13.55	12.49
24	13.67	14.68	13.05	11.46	16.06	9.96	13.68	12.73	12.75	12.97	13.44	11.83
25	13.56	16.92	12.10	10.01	15.43	10.27	13.56	13.10	12.59	13.34	13.46	11.60
26	12.82	18.13	11.43	9.69	13.90	10.10	13.39	13.39	13.00	12.97	13.49	13.06
27	12.51	18.20	12.01	9.96	---	11.00	13.42	13.46	12.90	13.08	13.21	12.66
28	12.19	17.36	11.46	10.01	13.24	11.92	12.85	12.95	13.07	12.75	13.12	12.31
29	12.32	16.62	10.38	9.94	---	11.91	13.09	13.37	13.39	12.53	13.30	11.66
30	11.93	17.09	10.22	10.02	---	11.33	13.18	13.51	13.49	12.72	12.80	11.75
31	11.09	---	10.47	10.13	---	10.88	---	13.44	---	12.75	12.61	---
MEAN	---	13.20	16.83	11.56	---	10.77	13.82	13.24	13.01	13.11	13.03	12.63
MAX	---	18.20	25.25	13.86	---	12.77	17.64	14.23	13.49	14.31	13.55	13.43
MIN	---	10.66	10.22	9.69	---	9.38	11.59	12.56	12.21	12.37	12.42	11.60

03590680 TENNESSEE RIVER AT SMITHSONIA, AL

LOCATION.--Lat 34°47'20", long 87°53'10", in SW $\frac{1}{4}$ sec. 14, T. 3 S., R. 13 W., Lauderdale County, Hydrologic Unit 06030005, on right bank, 0.5 mi southwest of Smithsonia, at river mile 241.5.

DRAINAGE AREA.--31,350 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year (gage height only). October 1998 to current year in reports of Geological Survey. Records for October 1938 to September 1998 in file of Tennessee Valley Authority.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft above NGVD of 1929.

REMARKS.--Records good. Slight regulation since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above and below station. Flow now almost completely regulated.

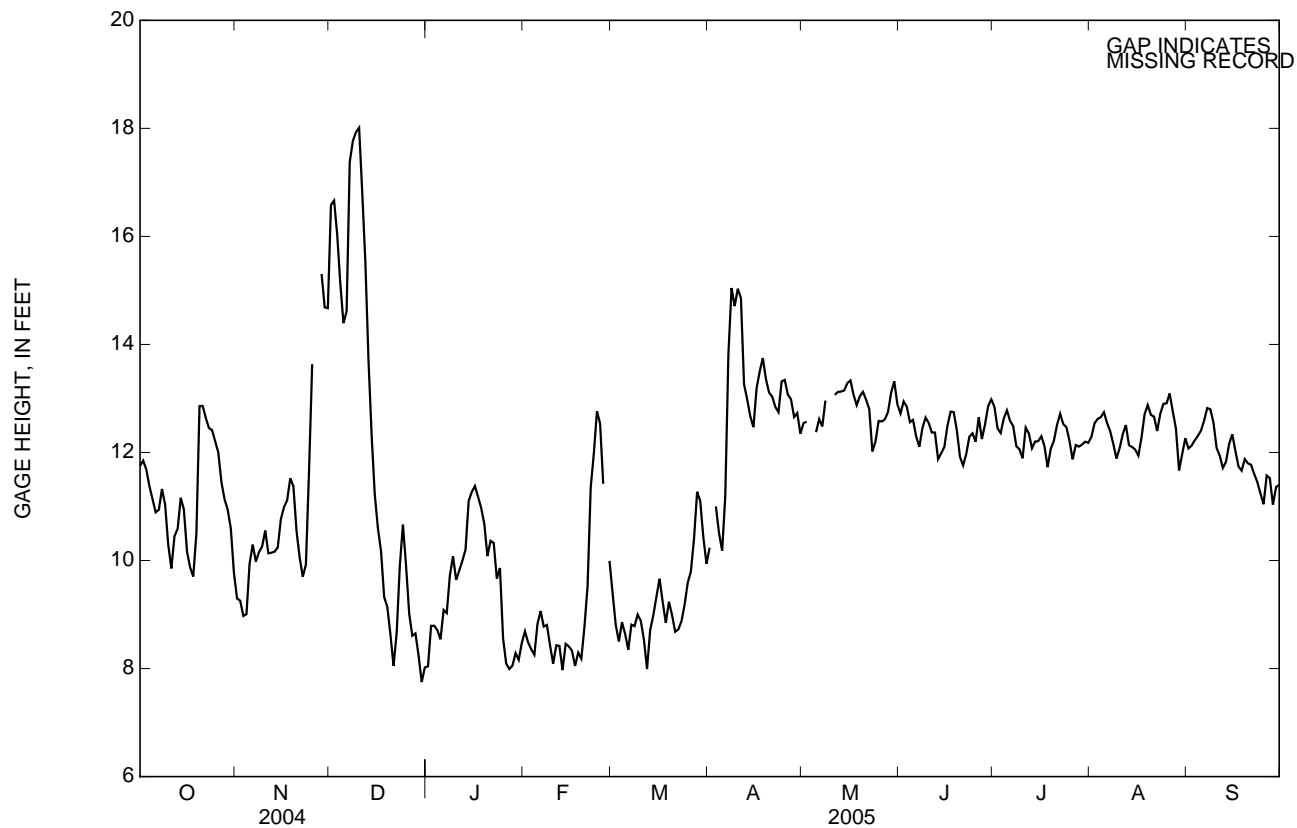
EXTREMES FOR PERIOD SINCE OCTOBER 1998.--Maximum gage height, 18.35 ft, Dec. 10, 2004; minimum gage height, 6.75 ft, Nov. 15, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 18.35 ft, Dec. 10; minimum gage height, 7.44 ft, Jan. 30.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.75	9.30	16.58	8.04	8.69	9.39	10.24	12.54	12.72	12.85	12.29	12.07
2	11.85	9.26	16.66	8.79	8.48	8.81	---	12.57	12.95	12.45	12.54	12.13
3	11.68	8.97	16.03	8.79	8.36	8.50	11.00	---	12.85	12.36	12.62	12.22
4	11.37	9.01	15.12	8.71	8.26	8.86	10.51	---	12.56	12.63	12.65	12.31
5	11.13	9.94	14.39	8.54	8.83	8.64	10.18	12.38	12.60	12.78	12.74	12.40
6	10.89	10.29	14.61	9.08	9.06	8.35	11.19	12.62	12.30	12.59	12.55	12.59
7	10.94	9.98	17.38	9.03	8.78	8.81	13.81	12.48	12.10	12.49	12.39	12.82
8	11.32	10.16	17.77	9.73	8.81	8.79	15.04	12.96	12.45	12.12	12.16	12.80
9	11.04	10.26	17.93	10.08	8.44	9.00	14.71	---	12.65	12.06	11.89	12.55
10	10.29	10.55	18.01	9.64	8.09	8.89	15.03	---	12.55	11.89	12.08	12.08
11	9.85	10.13	16.80	9.82	8.43	8.54	14.86	13.07	12.37	12.46	12.33	11.94
12	10.45	10.14	15.51	10.0	8.42	7.99	13.26	13.12	12.37	12.35	12.51	11.71
13	10.59	10.16	13.71	10.20	7.97	8.71	12.98	13.13	11.88	12.08	12.13	11.83
14	11.16	10.24	12.31	11.10	8.46	8.98	12.67	13.15	11.99	12.20	12.10	12.16
15	10.95	10.77	11.22	11.27	8.41	9.33	12.47	13.28	12.10	12.21	12.05	12.34
16	10.17	10.99	10.60	11.38	8.33	9.66	13.18	13.33	12.50	12.30	11.94	12.03
17	9.87	11.12	10.17	11.18	8.05	9.23	13.50	13.06	12.76	12.12	12.28	11.74
18	9.70	11.52	9.32	10.97	8.30	8.85	13.75	12.88	12.75	11.73	12.71	11.66
19	10.50	11.37	9.14	10.68	8.18	9.24	13.36	13.04	12.41	12.07	12.88	11.88
20	12.86	10.55	8.63	10.08	8.77	8.99	13.11	13.12	11.92	12.22	12.70	11.80
21	12.86	10.05	8.05	10.36	9.52	8.68	13.03	12.98	11.76	12.51	12.66	11.77
22	12.64	9.70	8.66	10.33	11.35	8.73	12.84	12.81	11.97	12.72	12.40	11.61
23	12.45	9.93	9.90	9.67	11.98	8.88	12.75	12.02	12.29	12.53	12.72	11.45
24	12.41	11.68	10.66	9.86	12.76	9.18	13.31	12.20	12.35	12.47	12.90	11.24
25	12.21	13.63	9.90	8.56	12.54	9.59	13.34	12.58	12.20	12.21	12.91	11.04
26	12.00	---	9.02	8.09	11.42	9.79	13.07	12.57	12.65	11.87	13.09	11.57
27	11.45	---	8.61	7.99	---	10.39	12.99	12.61	12.25	12.14	12.76	11.53
28	11.14	15.31	8.65	8.06	9.99	11.27	12.66	12.75	12.52	12.11	12.45	11.03
29	10.94	14.69	8.24	8.29	---	11.10	12.73	13.11	12.86	12.15	11.67	11.36
30	10.59	14.67	7.75	8.16	---	10.42	12.35	13.32	12.98	12.20	11.97	11.40
31	9.77	---	8.02	8.48	---	9.94	---	12.89	---	12.18	12.26	---
MEAN	11.19	---	12.24	9.51	---	9.21	---	---	12.42	12.29	12.43	11.90
MAX	12.86	---	18.01	11.38	---	11.27	---	---	12.98	12.85	13.09	12.82
MIN	9.70	---	7.75	7.99	---	7.99	---	---	11.76	11.73	11.67	11.03

TENNESSEE RIVER MAIN STEM
03590680 TENNESSEE RIVER AT SMITHSONIA, AL—Continued



TENNESSEE RIVER BASIN

LAKES AND RESERVOIRS IN TENNESSEE RIVER BASIN

03574000 GUNTERSVILLE LAKE NEAR GUNTERSVILLE, AL

LOCATION.--Lat 34°25'17", long 86°23'34", sec. 14, T. 7 S., R. 2 E., Marshall County, Hydrologic Unit 06030001, in powerhouse at Guntersville Dam on Tennessee River, 11 mi northwest of Guntersville, and at mile 349.0.

DRAINAGE AREA.--24,450 mi², approximately.

PERIOD OF RECORD.--October 1938 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by concrete dam with riprapped earth embankments. Spillway equipped with 18 two-section lift gates 40.44 ft high by 50 ft wide. Dam completed and storage began Jan. 16, 1939; water in reservoir first reached minimum navigation pool elevation Jan. 27, 1939. Total level pool capacity at elevation 595.44 ft (top of gates) is 530,400 ft³/s-day, of which 86,900 ft³/s-day is controlled flood storage above elevation 593.00 ft (minimum navigation pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority. Contents in ft³/s-days based on backwater profile.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 596.29 ft, Mar. 2, 1944; minimum (after start of operation plan in April 1940), 590.65 ft, Nov. 12, 1968.

EXTREMES FOR CURRENT YEAR: Maximum midnight contents during year, 664,100 ft³/s-day, Dec. 9; maximum elevation, 595.43 ft, May 19; minimum midnight contents, 465,000 ft³/s-day, Oct. 31; minimum elevation, 593.08 ft, Nov. 1

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (ft ³ /s-day)	Change in contents	
			(ft ³ /s-day)	(equivalent in cubic feet per second)
Sept. 30	593.45	489,100	--	--
Oct. 31	593.51	465,000	-24,100	-777
Nov. 30	594.04	517,000	+52,000	+1,730
Dec. 31	594.69	511,000	-6,000	-194
CAL YR 2004			+14,100	+39
Jan. 31	594.35	488,100	-22,900	-739
Feb. 28	593.94	502,100	+14,000	+500
Mar. 31	594.57	500,500	-1,600	-52
Apr. 30	594.35	489,300	-11,200	-373
May 31	594.68	504,000	+14,700	+474
June 30	594.92	523,900	+19,900	+663
July 31	594.24	492,400	-31,500	+1,020
Aug. 31	594.29	497,200	+4,800	+155
Sept. 30	594.69	507,400	+10,200	+340
WTR YR 2005			+18,300	+50

TENNESSEE RIVER BASIN

LAKES AND RESERVOIRS IN TENNESSEE RIVER BASIN--Continued

03586000 WHEELER LAKE NEAR DECATUR, AL

LOCATION.--Lat 34°47'52", long 87°22'51", SW $\frac{1}{4}$ sec. 9, T. 3 S., R. 8 W., Lawrence County, Hydrologic Unit 06030005, at Wheeler Dam on Tennessee River, 0.8 mi upstream from Big Nance Creek, 30.1 mi downstream from Decatur, 74.1 mi downstream from Guntersville Dam, and at mile 274.9.

DRAINAGE AREA.--29,590 mi², approximately.

PERIOD OF RECORD.--September 1936 to current year.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by concrete dam with 60 radial gates 15 ft high by 40 ft wide and 2 trashway gates 6 ft high by 37.5 ft wide. Storage began Oct. 3, 1936; water in reservoir first reached minimum pool elevation Dec. 10, 1936. Total level pool capacity at elevation 556.28 ft (top of gates) is 540,000 ft³/s-day of which 177,000 ft³/s-day is controlled flood storage above elevation 550.00 ft (ordinary minimum pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority. Contents in ft³/s-days based on backwater profile.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation 557.32 ft, Mar. 1, 1944; minimum (after start of operation plan in August 1937), 548.43 ft, Dec. 9, 1962.

EXTREMES FOR CURRENT YEAR.--Maximum midnight contents during year, 693,400 ft³/s-day, Dec. 10; maximum elevation 556.27 ft, Dec. 1, minimum midnight contents, 388,600 ft³/s-day, Mar. 18; minimum elevation, 550.48 ft, Feb. 12.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (ft ³ /s-day)	Change in contents	
			(ft ³ /s-day)	(equivalent in cubic feet per second)
Sept. 30	554.56	491,800	--	--
Oct. 31	553.36	455,100	-36,700	-1,180
Nov. 30	555.70	551,700	+96,600	+3,220
Dec. 31	551.77	420,400	-131,300	-4,240
CAL YR 2004			+22,600	+62
Jan. 31	551.10	398,900	-21,500	-694
Feb. 28	553.42	476,600	+77,700	+2,780
Mar. 31	553.30	453,100	-23,500	-758
Apr. 30	555.12	503,100	+50,000	+1,670
May 31	554.98	495,300	-7,800	-252
June 30	554.80	495,100	-200	-7
July 31	554.76	493,200	-1,900	-61
Aug. 31	554.33	481,000	-12,200	-394
Sept. 30	554.36	477,100	-3,900	-130
WTR YR 2005			-14,700	-40

TENNESSEE RIVER BASIN

LAKES AND RESERVOIRS IN TENNESSEE RIVER BASIN--Continued

03589000 WILSON LAKE NEAR FLORENCE, AL

LOCATION.--Lat 34°47'46", long 87°37'27", in SE $\frac{1}{4}$ sec. 18, T. 3 S., R. 10 W., Colbert County, Hydrologic Unit 06030005, at cooling-water intake at Wilson Dam on Tennessee River, 2.9 mi southeast of Florence, 4.1 mi upstream from Cypress Creek, 15.5 mi downstream from Wheeler Dam, and at mile 259.4.

DRAINAGE AREA.--30,750 mi², approximately.

PERIOD OF RECORD.--April 1924 to current year. Prior to August 1926 monthend contents only, published in WSP 1306.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929.

REMARKS.--Reservoir is formed by concrete gravity dam with fixed ogee crest. Spillway equipped with 58 Stoney gates 20.54 ft high by 38 ft wide. Storage began Apr. 14, 1924. Revised capacity table used after Dec. 31, 1970. Total capacity at elevation 507.88 ft (top of gates) is 322,800 ft³/s-day of which 26,800 ft³/s-day is controlled flood storage above elevation 504.50 ft (minimum pool). Reservoir is used for navigation, flood control, and power. Records furnished by Tennessee Valley Authority.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 329,800 ft³/s-day, Apr. 29, 1963; maximum elevation, 508.38 ft, May 19, 1983; minimum contents, 233,200 ft³/s-day, Apr. 6, 1927, elevation, 501.30 ft.

EXTREMES FOR CURRENT YEAR: Maximum contents during year, 323,000 ft³/s-day, June 6; elevation, 507.91 ft, June 6; minimum 295,900 ft³/s-day, Aug. 29, elevation 504.52 ft, Aug. 29.

MONTHEND ELEVATION AND CONTENTS AT MIDNIGHT, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Elevation (feet)	Contents (ft ³ /s-day)	Change in contents	
			(ft ³ /s-day)	(equivalent in cubic feet per second)
Sept. 30	507.34	318,400	--	--
Oct. 31	506.97	315,300	-3,100	-100
Nov. 30	506.01	309,000	-6,300	-210
Dec. 31	505.83	306,300	-2,700	-87
CAL YR 2004			-400	-1
Jan. 31	505.88	306,600	+300	+10
Feb. 28	505.72	306,100	-500	-18
Mar. 31	505.52	303,700	-2,400	-77
Apr. 30	507.22	318,000	+14,300	+477
May 31	506.94	315,200	-2,800	-90
June 30	506.53	311,900	-3,300	-110
July 31	507.18	317,200	+5,300	+171
Aug. 31	507.45	319,400	+2,200	+71
Sept. 30	507.31	318,100	-1,300	-43
WTR YR 2005			-300	-1

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low-flow or flood flow analyses, depending on the type of data collected. In addition, peak discharge information is gathered and discharge measurements are often made at miscellaneous sites not included in the partial-record program. This information is usually collected in times of drought or flood to give better areal coverage of those events.

Records collected at flood hydrograph partial-record stations are presented in the following tables. Annual maximum discharges for crest-stage partial-record stations, peak discharges at miscellaneous sites, discharge measurements made at low-flow partial-record sites, miscellaneous sites, and for special studies are given in separate tables as appropriate.

Flood hydrograph partial-record stations

The data given in the following tables generally comprise a description of the station and a table showing time, gage height, and discharge at selected times for major peaks that occurred during the year for flood hydrograph stations. Generally, information is given for peaks above base and other significant events throughout the year.

The description of the station gives the location, drainage area, period of record, type and history of gages, extremes of discharge, and general remarks. The explanation of data presented is identical to that for gaging stations.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-06	0115	5.25	93	12-09	0340	5.08	86	04-06	1840	4.83	76
12-06	0145	6.41	189	12-09	0355	5.98	144	04-06	1845	5.28	95
12-06	0215	7.84	382	12-09	0405	6.87	240	04-06	1850	5.76	126
12-06	0245	8.79	571	12-09	0415	8.29	465	04-06	1855	6.10	156
12-06	0300	8.95	609	12-09	0425	9.18	666	04-06	1900	6.64	214
12-06	0305	8.97	614	12-09	0450	9.93	878	04-06	1905	7.60	342
12-06	0310	8.94	606	12-09	0530	10.17	971	04-06	1910	8.55	518
12-06	0345	8.41	489	12-09	0545	10.21	988	04-06	1915	9.32	702
12-06	0430	7.62	345	12-09	0610	10.06	924	04-06	1920	9.76	826
12-06	0545	6.84	236	12-09	0630	10.21	988	04-06	1925	9.93	878
12-06	0845	5.89	137	12-09	0650	10.49	1120	04-06	1930	10.02	908
12-06	1045	6.93	247	12-09	0700	10.67	1200	04-06	1935	9.99	897
12-06	1115	7.90	392	12-09	0705	10.72	1230	04-06	1940	9.89	866
12-06	1145	8.95	609	12-09	0710	10.71	1220	04-06	1945	9.73	817
12-06	1200	9.05	633	12-09	0715	10.78	1260	04-06	1955	9.33	705
12-06	1220	8.92	602	12-09	0720	10.73	1230	04-06	2005	8.92	602
12-06	1315	8.35	477	12-09	0735	10.67	1200	04-06	2015	8.56	520
12-06	1400	8.59	527	12-09	0750	10.53	1130	04-06	2030	8.06	421
12-06	1450	8.94	606	12-09	0825	10.38	1060	04-06	2100	7.44	317
12-06	1545	8.50	508	12-09	0915	10.68	1210	04-06	2145	7.11	270
12-06	1630	8.22	451	12-09	0945	10.42	1080	04-06	2245	6.64	214
12-06	1730	8.81	576	12-09	1000	10.14	958	04-06	2345	6.20	166
12-06	1830	9.38	718	12-09	1015	9.85	853	04-07	0145	5.56	111
12-06	1840	9.38	718	12-09	1045	9.21	673	04-07	0400	5.28	95
12-06	1945	9.26	686	12-09	1145	8.25	457	04-07	0900	4.85	76
12-06	2130	8.41	489	12-09	1400	7.02	258				
12-07	0100	7.80	375	12-09	1700	5.99	145				
12-07	0400	6.57	207	12-09	2345	5.14	88				
12-07	0515	6.29	176								
12-07	0630	7.23	286								
12-07	0650	8.09	426								
12-07	0720	8.89	595								
12-07	0815	8.11	430								
12-07	0915	7.35	303								
12-07	1200	6.25	171								
12-07	1600	5.51	108								
12-07	1730	5.35	98								

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357568980 ALDRIDGE CREEK AT SHERWOOD DRIVE NEAR HUNTSVILLE, AL

LOCATION.--Lat 34°39'51", long 86°33'15", in SW 1/4 NW 1/4 sec. 29, T. 45 S., R. 1 E., Madison County, Hydrologic Unit 0603002, at bridge on Sherwood Drive, 0.75 mi east of Whitesburg Drive, 0.15 mi east of Cadillac Drive.

DRAINAGE AREA.--6.97 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 606.87 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,150 ft³/s, June 28, 1999, gage height, 14.55 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 06	0315	556	6.27	Dec. 09	0715	*1,010	*7.50
Dec. 07	0720	637	6.53				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-06	0050	4.27	128	12-09	0320	4.21	119	04-06	1815	4.21	119
12-06	0200	5.30	307	12-09	0330	4.64	183	04-06	1835	4.37	142
12-06	0230	5.79	422	12-09	0345	5.25	297	04-06	1845	4.57	172
12-06	0315	6.27	556	12-09	0355	5.48	346	04-06	1905	4.71	195
12-06	0325	6.25	550	12-09	0405	5.98	474	04-06	1920	5.22	291
12-06	0430	5.35	317	12-09	0415	6.49	624	04-06	1930	5.72	404
12-06	0530	4.99	248	12-09	0430	6.95	785	04-06	1940	5.87	443
12-06	0825	4.51	163	12-09	0450	7.23	896	04-06	1950	5.84	435
12-06	1030	5.07	263	12-09	0455	7.15	864	04-06	2000	5.71	401
12-06	1155	5.75	411	12-09	0500	7.19	880	04-06	2005	5.83	432
12-06	1330	5.37	322	12-09	0510	7.23	896	04-06	2010	5.67	391
12-06	1455	5.59	371	12-09	0540	6.98	797	04-06	2035	5.23	293
12-06	1650	5.19	285	12-09	0605	7.04	820	04-06	2100	5.10	268
12-06	1810	5.92	457	12-09	0615	6.94	782	04-06	2130	5.01	252
12-06	2000	5.94	463	12-09	0655	7.29	922	04-06	2230	4.89	227
12-06	2200	5.40	328	12-09	0715	7.50	1010	04-06	2300	4.78	207
12-07	0010	5.56	364	12-09	0725	7.43	982	04-06	2355	4.58	174
12-07	0430	4.73	198	12-09	0730	7.50	1010	04-07	0100	4.42	150
12-07	0615	5.35	317	12-09	0740	7.26	909	04-07	0200	4.32	135
12-07	0645	6.11	510	12-09	0755	6.90	767				
12-07	0715	6.51	631	12-09	0800	7.11	848				
12-07	0720	6.53	637	12-09	0830	6.87	755				
12-07	0725	6.50	628	12-09	0845	7.09	840				
12-07	0815	5.82	430	12-09	0905	7.19	880				
12-07	0915	5.26	299	12-09	0920	7.20	884				
12-07	1030	4.92	233	12-09	1000	6.57	651				
12-07	1345	4.56	171	12-09	1030	6.08	502				
12-07	1715	4.29	130	12-09	1100	5.71	401				
				12-09	1200	5.34	315				
				12-09	1400	4.93	235				
				12-09	1600	4.69	191				
				12-09	2000	4.38	144				
				12-09	2330	4.26	126				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575700 ALDRIDGE CREEK NEAR FARLEY, AL

LOCATION.--Lat 34°37'26", long 86°32'28", in NW 1/4 sec. 8, T. 5 S., R. 1 E., Madison County, Hydrologic Unit 06030002, on downstream side of bridge on Mountain Gap Road, 2.4 mi northeast of Farley, and 5.2 mi upstream from mouth.

DRAINAGE AREA.--14.1 mi².

PERIOD OF RECORD.--December 1960 to March 1964, September 1984 to current year (flood hydrograph only).

REVISED RECORDS--WDR AL-96-1 : Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 575.90 ft above NGVD of 1929. Datum of gage prior to September 1984 was 581.36 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,890 ft³/s, June 28, 1999, gage height, 13.78 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,200 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 09	0705	*2,110	*8.61	No other peak greater than base discharge.			

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-09	0330	4.05	169	07-05	1205	4.66	293
12-09	0345	4.76	319	07-05	1210	5.71	595
12-09	0400	5.57	549	07-05	1220	6.43	874
12-09	0410	6.06	721	07-05	1225	6.52	914
12-09	0425	6.57	937	07-05	1235	6.42	869
12-09	0450	6.89	1090	07-05	1240	6.30	818
12-09	0505	7.30	1300	07-05	1250	6.01	702
12-09	0530	7.70	1520	07-05	1300	5.72	598
12-09	0540	7.74	1540	07-05	1315	5.38	491
12-09	0615	7.57	1450	07-05	1330	5.13	421
12-09	0640	8.08	1750	07-05	1340	5.01	390
12-09	0650	8.35	1930	07-05	1400	4.83	338
12-09	0700	8.52	2040	07-05	1420	4.67	296
12-09	0705	8.61	2110	07-05	1445	4.45	245
12-09	0710	8.59	2090	07-05	1515	4.20	195
12-09	0715	8.53	2050	07-05	1540	4.03	166
12-09	0730	8.32	1910	07-05	1615	3.84	136
12-09	0800	8.17	1810	07-05	1700	3.64	108
12-09	0825	8.36	1930				
12-09	0855	8.47	2010				
12-09	0925	8.04	1730				
12-09	1000	7.52	1420				
12-09	1045	6.82	1060				
12-09	1115	6.33	830				
12-09	1145	5.97	687				
12-09	1300	5.39	494				
12-09	1430	5.01	390				
12-09	1700	4.61	281				
12-09	2000	4.25	204				
12-09	2235	4.05	169				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575830 INDIAN CREEK NEAR MADISON, AL

LOCATION.--Lat 34°41'50", long 86°42'00", in NE 1/4 sec. 14, T. 4 S., R. 2 W., Madison County, Hydrologic Unit 06030002, on downstream side of bridge on State Highway 20, 0.3 mi downstream from Southern Railroad bridge, 2.8 mi east of Madison, and 5.8 mi upstream from mouth.

DRAINAGE AREA.--49.0 mi².

PERIOD OF RECORD.--October 1959 to September 1966, October 1966 to September 1972 (peak discharge only), October 1972 to September 1975 (flood hydrograph only), October 1975 to June 2002 (daily discharge), October 2002 to current year (flood hydrograph only). Prior to October 1972, published as 03576100, Indian Creek near Madison.

REVISED RECORDS--WSP 1910: 1960.

GAGE.--Water-stage recorder. Datum of gage is 601.32 ft above NGVD of 1929.

REMARKS.--No estimated daily discharges. Records good. Several observations of specific conductance and water temperature were made during the year and are published under MISCELLANEOUS WATER-QUALITY SITES in this report.

EXTREMES FOR PERIOD OF RECORD.--The flood of March 16, 1973 reached a gage height of 12.70 ft, discharge, 16,500 ft³/s.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum ("):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Nov. 24	0815	2,250	7.96	Dec. 09	1345	4,420	9.33
Dec. 06	2200	*5,090	*9.62	Feb. 21	2200	2,730	8.34
				Apr. 07	0300	1,600	7.39

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-06	0130	5.63	498	12-09	0330	5.67	514	02-21	0730	5.78	560
12-06	0200	6.14	726	12-09	0400	6.16	736	02-21	0915	6.45	891
12-06	0300	6.71	1050	12-09	0430	6.69	1040	02-21	1145	6.56	955
12-06	0430	6.87	1160	12-09	0530	7.08	1320	02-21	1330	6.64	1000
12-06	0630	7.09	1330	12-09	0630	7.59	1810	02-21	1600	7.06	1300
12-06	0930	7.27	1490	12-09	0800	7.88	2150	02-21	1900	7.36	1570
12-06	1030	7.50	1710	12-09	0900	8.28	2650	02-21	1930	7.58	1800
12-06	1115	7.91	2180	12-09	1000	8.59	3090	02-21	2000	7.81	2060
12-06	1215	7.77	2010	12-09	1100	8.95	3660	02-21	2030	8.04	2350
12-06	1330	7.93	2210	12-09	1130	9.12	3980	02-21	2100	8.23	2590
12-06	1500	8.22	2570	12-09	1215	9.18	4110	02-21	2145	8.32	2710
12-06	1630	8.38	2790	12-09	1300	9.30	4360	02-21	2200	8.34	2730
12-06	1730	8.65	3180	12-09	1345	9.33	4420	02-21	2215	8.31	2690
12-06	1830	8.90	3580	12-09	1400	9.33	4420	02-21	2300	8.13	2460
12-06	1930	9.26	4270	12-09	1500	9.20	4150	02-21	2330	8.04	2350
12-06	2030	9.43	4640	12-09	1600	9.06	3870	02-22	0015	7.79	2040
12-06	2200	9.62	5090	12-09	1700	8.85	3500	02-22	0230	7.39	1600
12-06	2215	9.62	5090	12-09	1800	8.70	3260	02-22	0545	7.06	1300
12-07	0100	9.38	4530	12-09	1930	8.45	2890	02-22	0730	6.62	992
12-07	0430	8.94	3650	12-09	2130	8.17	2510	02-22	0900	6.10	707
12-07	0645	9.29	4340	12-09	2330	7.88	2150	02-22	1100	5.76	551
12-07	0915	8.81	3430	12-10	0100	7.68	1910				
12-07	1030	9.05	3850	12-10	0300	7.28	1500				
12-07	1200	9.50	4800	12-10	0430	6.75	1080				
12-07	1400	9.19	4130	12-10	0700	6.23	771				
12-07	1500	8.93	3630	12-10	1200	5.84	586				
12-07	1700	8.47	2910	12-10	2000	5.66	510				
12-07	2000	7.99	2290								
12-07	2345	7.41	1620								

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357586650 FAGAN CREEK AT ADAMS STREET AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'21", long 86°34'30", in SE 1/4 NE 1/4 sec. 1, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Adams Street, 0.25 mi northwest of Governors Drive and 0.1 mi northwest of California Street.

DRAINAGE AREA.--3.44 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 615.13 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,810 ft³/s, May 6, 2003, gage height, 10.30 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 300 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 06	1055	357	3.10	Dec. 09	0625	*1,030	*3.88
Dec. 07	0625	458	3.25	May 20	1245	682	3.52

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-07	0610	2.86	211	12-09	0335	3.00	300	05-20	1235	3.06	333
12-07	0615	3.02	311	12-09	0345	3.21	429	05-20	1240	3.21	429
12-07	0620	3.11	363	12-09	0355	3.13	375	05-20	1245	3.52	682
12-07	0625	3.25	458	12-09	0410	3.37	555	05-20	1250	3.29	489
12-07	0630	3.06	333	12-09	0425	3.50	665	05-20	1255	2.94	258
12-07	0635	2.93	252	12-09	0430	3.52	682	05-20	1300	2.78	173
12-07	0640	2.91	239	12-09	0435	3.51	673				
12-07	0645	2.92	246	12-09	0450	3.32	513				
12-07	0650	2.86	211	12-09	0500	3.39	573				
12-07	0655	2.83	195	12-09	0505	3.50	665				
12-07	0700	2.74	158	12-09	0510	3.62	771				
				12-09	0515	3.60	753				
				12-09	0520	3.50	665				
				12-09	0525	3.37	555				
				12-09	0530	3.43	608				
				12-09	0545	3.33	521				
				12-09	0550	3.48	648				
				12-09	0600	3.36	546				
				12-09	0615	3.48	648				
				12-09	0620	3.82	962				
				12-09	0625	3.88	1030				
				12-09	0630	3.82	962				
				12-09	0635	3.46	632				
				12-09	0645	3.52	682				
				12-09	0655	3.33	521				
				12-09	0705	3.08	345				
				12-09	0715	2.94	258				
				12-09	0730	2.86	211				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587090 WEST FORK PINHOOK CREEK AT BLUE SPRINGS ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°47'18", long 86°35'55", in SE 1/4 SW 1/4 sec. 11, T. 35 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Blue Springs Road, 1.7 mi north of Sparkman Drive, and 1.1 mi north of Mastin Lake Road.

DRAINAGE AREA.--2.28 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 688.06 ft above NGVD of 1929. Gage moved to downstream side of culvert beginning 2001 water year.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,520 ft³/s, Aug. 10, 2001, gage height, 6.17 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*).

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 28	1230	597	4.73	Mar. 27	1935	413	4.46
Dec. 06	1410	431	4.48	Jun. 02	1710	523	4.61
Dec. 07	0615	499	4.57	Jun. 28	1940	554	4.66
Dec. 09	0440	465	4.52	July 14	1940	505	4.58
Feb. 21	1435	*842	5.13	July 20	1830	676	4.86

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
10-28	1210	4.36	326	02-21	1425	4.19	179	07-20	1820	4.19	179
10-28	1215	4.34	309	02-21	1430	4.62	529	07-20	1825	4.75	609
10-28	1220	4.48	431	02-21	1435	5.13	842	07-20	1830	4.86	676
10-28	1225	4.68	566	02-21	1440	5.10	823	07-20	1835	4.77	621
10-28	1230	4.73	597	02-21	1445	4.96	738	07-20	1840	4.68	566
10-28	1235	4.72	590	02-21	1450	4.88	688	07-20	1845	4.65	548
10-28	1240	4.51	457	02-21	1455	4.75	609	07-20	1850	4.85	670
10-28	1245	4.33	300	02-21	1500	4.81	646	07-20	1855	4.68	566
10-28	1250	4.37	335	02-21	1505	4.80	639	07-20	1900	4.61	523
10-28	1255	4.23	214	02-21	1510	4.84	664	07-20	1905	4.46	413
10-28	1300	4.17	162	02-21	1515	4.88	688	07-20	1910	4.32	292
				02-21	1520	4.93	719	07-20	1915	4.21	196
				02-21	1525	4.84	664				
				02-21	1530	4.77	621				
				02-21	1535	4.67	560				
				02-21	1540	4.57	499				
				02-21	1545	4.47	422				
				02-21	1550	4.43	387				
				02-21	1555	4.40	361				
				02-21	1600	4.38	344				
				02-21	1605	4.28	257				
				02-21	1610	4.27	248				
				02-21	1615	4.20	188				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587140 EAST FORK PINHOOK CREEK AT WINCHESTER ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°47'34", long 86°35'21", in SW 1/4 NW 1/4 sec. 12, T. 35 S., R. 1 E., Madison County, Hydrologic Unit 0603002, on upstream side of culvert on Winchester Road.

DRAINAGE AREA.--2.52 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 688.02 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 437 ft³/s, May 6, 2003, gage height, 8.25 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 125 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 28	1230	135	7.20	Dec. 09	0640	273	7.73
Nov. 24	0025	159	7.30	Feb. 21	1510	*297	*7.81
Dec. 06	1410	288	7.78	Jun. 02	1715	250	7.65

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-06	1015	6.93	79	12-09	0400	6.91	76	02-21	1415	6.85	66
12-06	1045	7.07	107	12-09	0420	7.18	130	02-21	1420	7.11	115
12-06	1115	7.18	130	12-09	0430	7.41	186	02-21	1425	7.55	222
12-06	1125	7.23	142	12-09	0450	7.50	210	02-21	1430	7.63	244
12-06	1135	7.18	130	12-09	0505	7.54	220	02-21	1435	7.55	222
12-06	1145	7.20	135	12-09	0520	7.49	207	02-21	1440	7.45	197
12-06	1200	7.17	128	12-09	0530	7.53	217	02-21	1450	7.58	230
12-06	1215	7.24	145	12-09	0535	7.52	215	02-21	1455	7.65	250
12-06	1245	7.33	166	12-09	0540	7.55	222	02-21	1500	7.74	275
12-06	1255	7.37	176	12-09	0550	7.53	217	02-21	1505	7.78	288
12-06	1300	7.33	166	12-09	0605	7.58	230	02-21	1510	7.81	297
12-06	1315	7.42	189	12-09	0615	7.71	267	02-21	1515	7.76	281
12-06	1330	7.58	230	12-09	0620	7.72	270	02-21	1520	7.77	284
12-06	1345	7.64	247	12-09	0630	7.71	267	02-21	1530	7.71	267
12-06	1355	7.72	270	12-09	0635	7.72	270	02-21	1545	7.58	230
12-06	1400	7.77	284	12-09	0640	7.73	273	02-21	1605	7.50	210
12-06	1410	7.78	288	12-09	0645	7.70	264	02-21	1625	7.37	176
12-06	1415	7.77	284	12-09	0700	7.65	250	02-21	1645	7.27	152
12-06	1420	7.75	278	12-09	0730	7.56	225	02-21	1700	7.22	140
12-06	1425	7.76	281	12-09	0800	7.53	217	02-21	1730	7.13	119
12-06	1440	7.66	253	12-09	0830	7.62	241	02-21	1800	7.04	102
12-06	1500	7.58	230	12-09	0845	7.66	253	02-21	1900	6.92	78
12-06	1530	7.44	194	12-09	0930	7.52	215	02-21	2000	6.85	66
12-06	1605	7.41	186	12-09	1000	7.36	173				
12-06	1640	7.68	258	12-09	1030	7.23	142				
12-06	1710	7.71	267	12-09	1100	7.13	119				
12-06	1745	7.58	230	12-09	1200	7.01	96				
12-06	1830	7.41	186	12-09	1315	6.92	78				
12-06	1945	7.30	159								
12-06	2100	7.16	126								
12-06	2300	7.02	98								

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357587400 PINHOOK CREEK AT MASTIN LAKE ROAD AT HUNTSVILLE, AL

LOCATION.--Lat 34°46'17", long 86°35'32", in SW 1/4 SE 1/4 sec. 14, T. 3 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Mastin Lake Road, 0.45 mi west of Highway 231, and 0.5 mi east of Blue Springs Road.

DRAINAGE AREA.--8.50 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 646.06 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,170 ft³/s, May 6, 2003, gage height, 11.27 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 600 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 28	1240	*1,560	*8.45	Dec. 07	0630	1,170	7.61
Dec. 06	1415	1,190	7.65	Dec. 09	0635	1,020	7.24
				Feb. 21	1525	798	6.69

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
10-28	1200	4.37	166	12-06	0800	4.24	146	12-09	0300	4.31	157
10-28	1210	4.52	191	12-06	0900	5.02	294	12-09	0345	4.79	243
10-28	1220	5.14	320	12-06	0925	4.78	241	12-09	0415	5.42	388
10-28	1225	6.47	716	12-06	1050	5.17	327	12-09	0430	6.11	594
10-28	1230	7.67	1200	12-06	1115	5.83	505	12-09	0435	6.43	702
10-28	1235	8.33	1500	12-06	1205	5.45	396	12-09	0455	7.02	933
10-28	1240	8.45	1560	12-06	1230	5.63	445	12-09	0510	6.64	779
10-28	1245	8.18	1430	12-06	1250	5.88	521	12-09	0530	6.29	653
10-28	1250	7.71	1220	12-06	1310	5.87	517	12-09	0600	6.65	783
10-28	1255	7.27	1030	12-06	1325	6.17	613	12-09	0615	6.89	879
10-28	1300	6.82	850	12-06	1335	6.57	752	12-09	0625	7.09	959
10-28	1305	6.43	702	12-06	1345	6.93	895	12-09	0630	7.18	994
10-28	1310	6.05	575	12-06	1400	7.21	1010	12-09	0635	7.24	1020
10-28	1320	5.43	391	12-06	1405	7.35	1060	12-09	0640	7.20	1000
10-28	1330	5.08	307	12-06	1410	7.48	1120	12-09	0645	7.17	990
10-28	1340	4.84	253	12-06	1415	7.65	1190	12-09	0655	7.01	929
10-28	1355	4.59	203	12-06	1420	7.64	1180	12-09	0705	6.83	854
10-28	1410	4.41	172	12-06	1425	7.56	1150	12-09	0720	6.57	752
10-28	1430	4.26	149	12-06	1435	7.37	1070	12-09	0745	6.39	687
10-28	1530	4.10	127	12-06	1445	7.08	955	12-09	0805	6.36	677
10-28	1800	3.97	109	12-06	1500	6.63	775	12-09	0850	6.90	883
				12-06	1530	5.96	547	12-09	0925	6.53	738
				12-06	1545	5.80	496	12-09	0945	6.16	610
				12-06	1620	6.02	566	12-09	1015	5.66	454
				12-06	1630	6.44	705	12-09	1100	5.26	348
				12-06	1650	7.00	925	12-09	1200	4.98	285
				12-06	1700	6.94	899	12-09	1400	4.76	237
				12-06	1730	6.58	756	12-09	1600	4.56	198
				12-06	1800	6.10	591	12-09	2200	4.40	171
				12-06	1900	5.63	445				
				12-06	2000	5.53	417				
				12-06	2100	5.29	355				
				12-06	2300	4.93	274				

TENNESSEE RIVER BASIN

LOCATION.--Lat 34°44'44", long 86°34'27", in NW 1/4 sec. 25, T. 35 S., R. 1 W., Madison County, Hydrologic Unit 06030002, at culvert on Coleman Street, two blocks upstream from Andrew Jackson Way, 2 mi north of Governor's Drive.

DRAINAGE AREA.--2.99 mi² .

PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only).

REVISED RECORDS.-- WDR AL-96-1 : Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 639.64 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,200 ft³/s, May 6, 2003, gage height, 9.58 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 28	1250	610	3.42	Feb. 21	1520	541	3.16
Dec. 07	0630	*768	*3.98	May 20	1240	*768	*3.98
Dec. 09	0635	588	3.34	Aug. 15	1640	667	3.63

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-07	0425	1.07	91	05-20	1230	1.13	105	08-15	1610	1.96	262
12-07	0500	1.26	133	05-20	1235	2.85	462	08-15	1615	2.38	352
12-07	0525	1.32	143	05-20	1240	3.98	768	08-15	1620	2.61	404
12-07	0540	1.36	150	05-20	1245	3.67	679	08-15	1625	2.59	400
12-07	0550	1.34	147	05-20	1250	2.77	443	08-15	1630	3.41	607
12-07	0605	1.60	193	05-20	1255	2.28	329	08-15	1635	3.48	626
12-07	0610	2.16	303	05-20	1300	1.80	230	08-15	1640	3.63	667
12-07	0615	3.29	575	05-20	1305	1.58	189	08-15	1645	3.55	645
12-07	0620	3.85	730	05-20	1310	1.39	155	08-15	1650	3.21	554
12-07	0625	3.67	679	05-20	1315	1.31	142	08-15	1655	2.84	460
12-07	0630	3.98	768	05-20	1320	1.25	131	08-15	1700	2.45	367
12-07	0635	3.54	643	05-20	1325	1.17	114	08-15	1705	2.13	297
12-07	0640	3.49	629	05-20	1330	1.12	103	08-15	1710	1.82	234
12-07	0645	3.05	512	05-20	1335	1.05	87	08-15	1715	1.68	208
12-07	0650	2.74	435					08-15	1720	1.49	173
12-07	0700	2.27	327					08-15	1725	1.36	150
12-07	0720	1.88	246					08-15	1730	1.26	133
12-07	0745	1.53	180					08-15	1735	1.18	117
12-07	0845	1.35	148					08-15	1740	1.13	105
12-07	0855	1.39	155					08-15	1745	1.06	89
12-07	0925	1.32	143								
12-07	1000	1.28	136								
12-07	1005	1.32	143								
12-07	1035	1.21	124								
12-07	1240	1.10	98								

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575890 PINHOOK CREEK AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'39", long 86°35'36", in SW 1/4 sec. 35, T. 3 S., R. 1 W., Madison County, Hydrologic Unit 06030002, at bridge on Clinton Avenue, 0.2 mi northeast from intersection of Clinton Avenue and Memorial Parkway, 0.5 mi southwest of main post office and at mile 14.9.

DRAINAGE AREA.--22.6 mi².

PERIOD OF RECORD.--January 1967 to September 1968 (TVA), March 1971 to May 1973, October 1984 to current year.

REVISED RECORDS.--WDR AL-96-1 : Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 592.60 ft above NGVD of 1929. For periods January 1967 to September 1968 and March 1971 to May 1973, datum of gage was 577.30 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, flood of May 6, 2003, 9,430 ft³/s, 16.79 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 28	1310	3,630	10.05	Feb. 21	1535	2,660	8.62
Dec. 06	1440	2,550	8.48	May 20	1305	2,090	7.85
Dec. 07	0645	*3,780	*10.26	Aug. 15	1655	2,530	8.45
Dec. 09	0650	3,510	9.87				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
10-28	1255	7.41	1770	12-07	0435	4.45	263	12-09	0300	4.17	150
10-28	1300	9.10	3020	12-07	0530	5.08	519	12-09	0325	4.49	284
10-28	1305	9.82	3480	12-07	0600	5.49	688	12-09	0335	5.03	501
10-28	1310	10.05	3630	12-07	0610	6.43	1170	12-09	0345	6.01	955
10-28	1315	10.02	3610	12-07	0615	7.31	1700	12-09	0355	7.07	1540
10-28	1320	9.74	3430	12-07	0620	8.11	2290	12-09	0410	8.01	2220
10-28	1325	9.45	3240	12-07	0625	8.89	2870	12-09	0435	8.48	2550
10-28	1330	9.07	3000	12-07	0630	9.49	3270	12-09	0500	8.98	2940
10-28	1335	8.68	2710	12-07	0635	9.94	3560	12-09	0520	9.31	3150
10-28	1340	8.27	2400	12-07	0645	10.26	3780	12-09	0550	8.84	2830
10-28	1345	7.90	2130	12-07	0650	10.26	3780	12-09	0610	8.59	2640
10-28	1350	7.55	1870	12-07	0700	9.89	3530	12-09	0625	9.13	3040
10-28	1400	6.85	1410	12-07	0710	9.33	3160	12-09	0635	9.48	3260
10-28	1410	6.30	1100	12-07	0720	8.77	2780	12-09	0645	9.79	3460
10-28	1420	5.86	872	12-07	0735	8.07	2260	12-09	0650	9.87	3510
10-28	1430	5.50	693	12-07	0750	7.37	1740	12-09	0655	9.81	3470
10-28	1440	5.26	589	12-07	0805	6.88	1430	12-09	0700	9.65	3370
10-28	1450	5.04	504	12-07	0830	6.27	1080	12-09	0710	9.37	3190
10-28	1500	4.83	412	12-07	0900	5.77	824	12-09	0730	8.75	2760
10-28	1515	4.63	334	12-07	0930	5.42	657	12-09	0800	8.24	2380
10-28	1545	4.55	306	12-07	1015	5.11	530	12-09	0855	8.66	2690
10-28	1600	4.37	225	12-07	1100	4.87	430	12-09	0930	8.24	2380
10-28	1630	4.14	141	12-07	1230	4.59	320	12-09	0945	7.84	2080
10-28	1700	4.02	110	12-07	1330	4.48	279	12-09	1000	7.44	1790
								12-09	1030	6.75	1350
								12-09	1100	6.20	1050
								12-09	1200	5.56	720
								12-09	1400	4.92	452
								12-09	1700	4.47	274
								12-09	2000	4.30	196
								12-09	2330	4.17	150

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

0357591500 BROGLAN BRANCH AT OAKWOOD AVENUE AT HUNTSVILLE, AL

LOCATION.--Lat 34°44'58", long 86°37'31", in NW 1/4 SW 1/4 sec. 27, T. 3 S., R. 1 W., Madison County, Hydrologic Unit 0603002, at bridge on Oakland Avenue, 0.6 mi east of Jordan Lane, and 1.0 mi north of University Drive.

DRAINAGE AREA.--1.47 mi².

PERIOD OF RECORD.--July 1996 to current year (flood hydrograph only).

GAGE.--Water-stage recorder. Datum of gage is 652.54 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,950 ft³/s, May 6, 2003, gage height, 15.06 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 19	0635	443	9.21	Dec. 09	0435	484	9.35
Oct. 28	1245	517	9.47	Feb. 21	1515	*775	*10.57
Nov. 24	0000	390	8.97	Apr. 08	0255	491	9.37
Dec. 06	1105	378	8.93	May 20	1235	369	8.90
Dec. 07	0615	602	9.81				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
10-28	1225	7.63	101	12-07	0545	7.30	63	02-21	1430	7.69	110
10-28	1230	8.36	231	12-07	0555	7.54	89	02-21	1435	8.42	245
10-28	1235	8.88	363	12-07	0600	7.96	157	02-21	1440	8.63	297
10-28	1240	9.42	505	12-07	0605	8.88	363	02-21	1445	8.57	282
10-28	1245	9.47	517	12-07	0610	9.44	510	02-21	1450	8.41	242
10-28	1250	9.05	410	12-07	0615	9.81	602	02-21	1455	8.27	213
10-28	1255	8.56	279	12-07	0620	9.65	562	02-21	1500	8.30	219
10-28	1300	8.11	184	12-07	0625	9.28	463	02-21	1505	8.65	302
10-28	1305	7.73	117	12-07	0630	9.08	416	02-21	1510	10.1	671
10-28	1310	7.44	79	12-07	0635	8.67	307	02-21	1515	10.57	775
10-28	1315	7.25	58	12-07	0640	8.48	259	02-21	1520	10.12	675
10-28	1320	7.08	43	12-07	0645	8.21	202	02-21	1525	9.79	597
				12-07	0650	8.02	168	02-21	1530	9.22	446
				12-07	0655	7.85	138	02-21	1535	8.78	335
				12-07	0700	7.70	112	02-21	1540	8.43	247
				12-07	0705	7.53	88	02-21	1545	8.17	194
				12-07	0720	7.30	63	02-21	1550	7.98	161
								02-21	1555	7.69	110
								02-21	1600	7.57	93
								02-21	1605	7.43	78
								02-21	1620	7.26	59

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575933 BROGLAN BRANCH AT HUNTSVILLE, AL

LOCATION.--Lat 34°43'24", long 86°36'06", in SW 1/4 NW 1/4 sec. 2, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 06030002, on upstream side of bridge on Clinton Avenue at Huntsville, and at mile 15.1.

DRAINAGE AREA.--8.93 mi².

PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only). Records are published for October 1991 to current year. Data prior to these dates are affected by indefinite stage versus discharge relationship.

REVISED RECORD.--WDR AL-93-1: 1992 (P), WDR AL-96-1 : Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 596.02 ft above NGVD of 1929.

REMARKS.--No estimated discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 9,460 ft³/s, May 6, 2003, gage height, 12.72 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 07	0635	*1,600	*7.48				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-07	0430	4.86	203	12-09	0250	4.52	129	02-21	1440	4.52	129
12-07	0545	5.06	366	12-09	0330	5.10	388	02-21	1500	4.70	207
12-07	0600	5.26	459	12-09	0345	5.59	619	02-21	1505	5.15	412
12-07	0605	5.64	643	12-09	0410	6.00	833	02-21	1510	5.55	600
12-07	0610	6.31	989	12-09	0425	6.23	947	02-21	1515	5.98	823
12-07	0615	6.78	1220	12-09	0430	6.17	916	02-21	1525	6.55	1100
12-07	0620	7.07	1370	12-09	0440	6.51	1080	02-21	1530	6.84	1250
12-07	0625	7.25	1470	12-09	0450	6.67	1160	02-21	1535	7.04	1350
12-07	0630	7.37	1540	12-09	0455	6.81	1230	02-21	1540	7.13	1400
12-07	0635	7.48	1600	12-09	0505	6.65	1150	02-21	1545	7.06	1360
12-07	0640	7.48	1600	12-09	0520	6.35	1010	02-21	1550	7.00	1330
12-07	0645	7.27	1480	12-09	0530	6.10	881	02-21	1555	6.67	1160
12-07	0650	7.10	1390	12-09	0555	5.95	809	02-21	1600	6.40	1030
12-07	0655	6.76	1210	12-09	0620	6.52	1090	02-21	1610	6.06	862
12-07	0700	6.58	1120	12-09	0630	6.59	1120	02-21	1625	5.64	643
12-07	0705	6.33	1000	12-09	0635	6.52	1090	02-21	1635	5.49	568
12-07	0710	6.20	932	12-09	0650	6.64	1150	02-21	1640	5.56	605
12-07	0720	5.92	794	12-09	0700	6.47	1060	02-21	1645	5.54	595
12-07	0745	5.46	553	12-09	0730	6.07	866	02-21	1705	5.85	754
12-07	0815	5.31	481	12-09	0830	6.19	926	02-21	1730	5.51	579
12-07	0915	5.06	366	12-09	0850	6.42	1040	02-21	1800	5.19	429
12-07	1100	4.88	277	12-09	0900	6.32	995	02-21	1830	5.02	344
12-07	1400	4.69	203	12-09	0905	6.45	1050	02-21	1900	4.91	291
				12-09	0930	5.99	828	02-21	2000	4.77	232
				12-09	1000	5.65	648	02-21	2030	4.72	214
				12-09	1030	5.39	519	02-21	2200	4.61	165
				12-09	1100	5.23	446	02-21	2350	4.52	129
				12-09	1230	5.05	360				
				12-09	1500	4.83	256				
				12-09	1830	4.67	195				
				12-09	2315	4.52	129				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575950 HUNTSVILLE SPRING BRANCH NEAR HUNTSVILLE, AL

LOCATION.--Lat 34°41'24", long 86°35'47", in SE 1/4 sec. 14, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 06030002, on upstream right end of bridge on Johnson Road, 2.3 mi southeast of West Station Post Office in Huntsville, and at mile 12.2.

DRAINAGE AREA.--41.8 mi².

PERIOD OF RECORD.--January 1967 to September 1968 (TVA), March 1971 to September 1974 (flood hydrograph only), September 1984 to current year (flood hydrograph only). Flood hydrograph record published from October 1991.

REVISED RECORDS.--WDR AL-99-1: 1992-98 (M).

GAGE.--Water-stage recorder. Datum of gage is 565.34 ft above NGVD of 1929. Datum of gage prior to September 1984, 573.03 ft.

REMARKS.--No estimated discharges. Records fair. Extensive ongoing channel work occurred prior to October 1991, causing rating instability, therefore, only peaks subsequent to October 1991 are published.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 14,900 ft³/s, May 6, 2003; gage height, 17.31 ft (present datum).

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 16, 1973 reached a stage of 12.50 ft (former datum), discharge, 11,000 ft³/s.

This occurred prior to extensive channel work.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct. 19	0750	3,280	10.48	Dec. 09	0710	*6,290	*12.74
Oct. 28	1400	3,990	11.05	Feb. 21	1610	4,470	11.45
Nov. 24	0055	3,640	10.78	Jun. 02	1815	2,540	9.78
Dec. 06	1145	4,240	11.26	July 12	2225	2,870	10.11
Dec. 07	0710	6,120	12.62	Aug. 15	1735	2,690	9.94
				Sept. 26	0105	2,700	9.95

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-07	0455	8.03	1090	12-09	0230	7.16	600	02-21	0645	7.47	752
12-07	0545	8.36	1310	12-09	0325	7.66	860	02-21	0700	7.80	947
12-07	0600	8.54	1440	12-09	0335	7.97	1050	02-21	0725	8.19	1190
12-07	0610	8.74	1610	12-09	0345	8.60	1490	02-21	0830	7.86	987
12-07	0620	9.15	1980	12-09	0355	9.32	2120	02-21	1120	7.35	690
12-07	0630	9.95	2700	12-09	0405	9.96	2720	02-21	1200	7.74	909
12-07	0635	10.47	3270	12-09	0420	10.81	3680	02-21	1220	8.40	1340
12-07	0640	11.14	4090	12-09	0430	11.36	4360	02-21	1235	8.51	1420
12-07	0645	11.67	4760	12-09	0500	12.12	5380	02-21	1250	8.40	1340
12-07	0650	12.02	5230	12-09	0515	12.37	5740	02-21	1315	8.17	1180
12-07	0655	12.36	5730	12-09	0530	12.50	5940	02-21	1400	7.86	987
12-07	0700	12.58	6060	12-09	0550	12.31	5650	02-21	1510	7.61	830
12-07	0705	12.54	6000	12-09	0610	12.10	5350	02-21	1535	8.11	1140
12-07	0710	12.62	6120	12-09	0645	12.51	5950	02-21	1540	9.10	1930
12-07	0715	12.50	5940	12-09	0700	12.71	6250	02-21	1545	9.91	2660
12-07	0720	12.44	5850	12-09	0710	12.74	6290	02-21	1550	10.53	3340
12-07	0725	12.25	5560	12-09	0715	12.69	6220	02-21	1555	10.88	3760
12-07	0730	12.14	5400	12-09	0720	12.65	6160	02-21	1600	11.23	4200
12-07	0735	11.97	5160	12-09	0735	12.35	5710	02-21	1605	11.33	4320
12-07	0750	11.48	4510	12-09	0800	11.89	5050	02-21	1610	11.45	4470
12-07	0800	11.02	3950	12-09	0835	11.70	4800	02-21	1615	11.27	4250
12-07	0815	10.53	3340	12-09	0900	11.86	5010	02-21	1620	11.15	4110
12-07	0830	10.13	2890	12-09	0930	11.68	4770	02-21	1625	11.06	4000
12-07	0845	9.78	2540	12-09	1000	11.15	4110	02-21	1630	10.86	3740
12-07	0915	9.30	2110	12-09	1015	10.75	3600	02-21	1640	10.51	3310
12-07	0945	8.97	1810	12-09	1030	10.38	3160	02-21	1700	9.95	2700
12-07	1000	8.83	1680	12-09	1100	9.88	2640	02-21	1745	9.64	2410
12-07	1045	8.57	1470	12-09	1130	9.40	2190	02-21	1800	9.32	2120
12-07	1145	8.32	1280	12-09	1230	8.90	1740	02-21	1830	8.79	1650
12-07	1245	8.17	1180	12-09	1400	8.54	1440	02-21	1900	8.46	1380
12-07	1350	8.01	1080	12-09	1600	8.18	1190	02-21	2000	8.06	1110
				12-09	1800	7.94	1040	02-21	2100	7.82	960
				12-09	2100	7.73	903	02-21	2200	7.66	860
				12-09	2330	7.60	824	02-21	2300	7.53	785
								02-21	2355	7.46	747

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Flood hydrograph partial-record stations--Continued

TENNESSEE RIVER BASIN

03575980 MCDONALD CREEK NEAR HUNTSVILLE, AL

LOCATION.--Lat 34°41'33", long 86°37'39", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 15, T. 4 S., R. 1 W., Madison County, Hydrologic Unit 06030002, at bridge on Patton Road, 0.6 mi south of Goss Road, 0.6 mi from Arsenal Gate no. 10, and 3.1 mi south of intersection of Highway 72 Alternate and Alabama Highway 20.

DRAINAGE AREA.--9.64 mi².

PERIOD OF RECORD.--September 1984 to current year (flood hydrograph only).

REVISED RECORDS.--WDR AL-99-1: 1985-98 (M), WDR AL-96-1 : Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 579.34 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers).

REMARKS.--No estimated discharges. Records good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge observed, Flood of June 28, 1999, 4,560 ft³/s, gage height, 14.21 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Dec. 07	0700	*1,480	*7.15				

GAGE HEIGHT, IN FEET, AND DISCHARGE, IN CUBIC FEET PER SECOND, AT INDICATED TIME, 2005 WATER YEAR

Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge	Date	Time	Gage Height	Discharge
12-07	0540	3.28	217	12-09	0330	3.22	204	05-20	0910	3.65	312
12-07	0545	3.40	245	12-09	0345	4.38	519	05-20	0915	4.53	563
12-07	0550	3.44	255	12-09	0415	5.49	865	05-20	0925	5.42	842
12-07	0555	3.55	284	12-09	0435	6.07	1070	05-20	0935	5.78	964
12-07	0600	3.75	341	12-09	0445	6.38	1180	05-20	0950	5.59	899
12-07	0605	3.98	412	12-09	0455	6.34	1160	05-20	0955	5.61	906
12-07	0610	4.22	475	12-09	0505	6.65	1280	05-20	1000	5.37	826
12-07	0615	4.71	617	12-09	0510	6.69	1300	05-20	1005	5.16	757
12-07	0620	5.17	760	12-09	0515	6.63	1270	05-20	1015	4.71	617
12-07	0625	5.67	926	12-09	0530	6.58	1250	05-20	1020	4.44	537
12-07	0630	5.93	1020	12-09	0540	6.34	1160	05-20	1030	4.02	422
12-07	0635	6.18	1110	12-09	0545	6.44	1200	05-20	1035	3.85	373
12-07	0640	6.57	1250	12-09	0605	6.10	1080	05-20	1050	3.65	312
12-07	0645	6.87	1370	12-09	0615	6.43	1200	05-20	1055	4.53	563
12-07	0650	7.02	1430	12-09	0630	6.38	1180	05-20	1105	5.42	842
12-07	0655	6.95	1400	12-09	0640	6.56	1250	05-20	1115	5.78	964
12-07	0700	7.15	1480	12-09	0650	6.40	1190	05-20	1130	5.59	899
12-07	0705	7.05	1440	12-09	0655	6.57	1250	05-20	1135	5.61	906
12-07	0710	6.87	1370	12-09	0705	6.67	1290	05-20	1145	5.16	757
12-07	0715	6.40	1190	12-09	0710	6.56	1250	05-20	1200	4.44	537
12-07	0720	5.80	972	12-09	0715	6.60	1260	05-20	1210	4.02	422
12-07	0725	5.57	892	12-09	0725	6.42	1190	05-20	1220	3.70	326
12-07	0730	5.26	790	12-09	0730	6.50	1220	05-20	1445	3.27	215
12-07	0735	4.93	684	12-09	0735	6.44	1200				
12-07	0740	3.90	390	12-09	0740	6.54	1240				
				12-09	0755	6.28	1140				
				12-09	0810	6.02	1050				
				12-09	0815	6.21	1120				
				12-09	0825	6.05	1060				
				12-09	0835	6.09	1070				
				12-09	0845	6.30	1150				
				12-09	0850	6.15	1090				
				12-09	0855	6.28	1140				
				12-09	0900	6.14	1090				
				12-09	0905	6.22	1120				
				12-09	0945	5.89	1000				
				12-09	1030	4.93	684				
				12-09	1130	4.19	467				
				12-09	1230	3.68	320				
				12-09	1430	3.21	202				

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Crest-stage partial-record stations

The following table contains annual maximum discharges for crest-stage stations. A crest-stage gage is a device which will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain, but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each water year is given. Information on some lower floods may have been obtained, and discharge measurements may have been made for purposes of establishing the stage-discharge relation, but these are not published herein. The years given in the period of record represent water years for which the annual maximum has been determined.

Annual maximum discharge at crest-stage partial-record stations during water year 2005

Station name and number	Location and drainage area	Period of record	Water year 2005 maximum			Period of record maximum		
			Date	Gage height (feet)	Discharge (ft ³ /s)	Date	Gage height (feet)	Discharge (ft ³ /s)
MOBILE RIVER BASIN								
Harris Creek near Campbell 02469795	Lat 31°53'53", long 88°00'44", in NE 1/4 sec. 30, T. 11 N., R. 1 E., Clarke County, Hydrologic Unit 03160203, at culvert on State Highway 69, 2.7 mi southwest of Campbell. Drainage area is 0.72 mi ² .	1995-2005	07-11-05	6.05	330	08-31-96	7.22	490
TENNESSEE RIVER BASIN								
Martin Hollow near Huntsville 0357568820	Lat 34°41'07", long 86°32'43" in SW 1/4SE 1/4 sec. 17, T. 4 S., R. 1 E., Madison County, Hydrologic Unit 06030002, at bridge on farm road, 4.0 mi southeast of Huntsville, and 1,200 ft above mouth. (Datum of gage is 626.54 feet above NGVD of 1929.) Drainage area is 1.14 mi ² .	1997-2005	12-09-04	13.69	120	06-28-99	19.00	2,050

DISCHARGE AT PARTIAL-RECORD STATIONS AND MISCELLANEOUS SITES

Discharge measurements made at miscellaneous sites during water year 2005

Stream	Tributary to	Location	Drainage area (mi ²)	Measurement period of record (water year)	Date	Discharge (ft ³ /s)
Mobile River Basin						
02423160 Cahaba River near Whites Chapel	Alabama River	Lat 33°36'13", long 87°32'57", St. Clair County, Hydrologic Unit 03150202.	Not determined	1990, 1992-93, 1995, 1998-2001, 2005	11-14-05	6.68
02423550 Buck Creek at Helena	Cahaba River	Lat 33°17'49", long 86°50'35", Shelby County, Hydrologic Unit 03150202.	70.4	1991-95, 1998-2001, 2005	09-14-05	33.4
02423601 Shades Creek near Parkwood	Cahaba River	Lat 33°21'21", long 86°53'24", Jefferson County, Hydrologic Unit 03150202.	44.1	1948, 1953 1955-56, 1979, 1984-95, 1998-2001, 2005	09-14-05	4.75
02460000 Village Creek near Mulga	Cahaba River	Lat 33°34'21", long 86°59'33", Jefferson County, Hydrologic Unit 03160111.	73.6	1908-09, 1972, 1983-95, 1998-2001, 2005	09-15-05	48.2
02461700 Valley Creek near Johns	Cahaba River	Lat 33°23'15", long 87°03'31", Jefferson County, Hydrologic Unit 03160112.	92.0	1948, 1964, 1972-73, 1975, 1979, 1984-93, 1995, 1998-2001, 2005	09-15-05	88.4
02463500 Hurricane Creek near Holt	Black Warrior River	Lat 33°13'40", long 87°26'51", Tuscaloosa County, Hydrologic Unit 03160112.	108	1942-45, 1948, 1971, 1978-80, 1986, 1988, 1998, 2005	09-12-05	33.3

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02456999 FIVEMILE CREEK AT TARRANT PARK NEAR TARRANT, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf 25 degC (00095)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	
NOV 03...	0800	19.2	21.6	754	9.5	320	357	8.2	88	7.8	E7.3	--	187	
DEC 08...	1030	13.5	14.5	758	67	285	263	10.2	98	7.2	8.2	--	138	
JUN 07...	1000	20.1	--	752	35	310	283	9.3	104	7.9	8.1	147	--	
JUL 18...	1200	23.0	--	756	34	334	314	9.6	112	8.1	8.1	155	--	
AUG 22...	1115	23.0	--	755	13	354	347	9.9	116	7.9	8.3	169	--	
SEP 12...	1445	22.6	31.0	756	9.9	339	341	10.5	121	8.4	8.4	176	--	
Date		Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Total nitrogen, water, unfltrd mg/L (00600)	Total nitrogen, water, fltrd, mg/L (00602)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite water, fltrd, mg/L as N (00613)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)
NOV 03...	--	--	--	--	640	720	--	--	--	--	--	--	--	--
DEC 08...	--	--	--	--	220	250	--	--	--	--	--	--	--	--
JUN 07...	179	.0	--	--	610	E300	.91	.87	<.04	<.008	.11	.15	.76	.015
JUL 18...	188	.0	--	--	--	--	1.1	--	<.04	<.008	E.07	.11	.94	.015
AUG 22...	203	2	96	--	--	--	--	--	<.04	<.008	<.10	E.10	.94	.007
SEP 12...	215	.0	45	--	--	--	--	--	<.04	<.008	E.07	E.07	.86	.008
Date		Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Iron, water, fltrd, ug/L (01046)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Silica, water, fltrd, mg/L (00955)	Sodium, water, fltrd, mg/L (00930)	Sodium adsorption ratio (00931)
NOV 03...	--	--	--	190	7	44.4	3.68	E.1	E5	20.2	1.08	7.40	2.59	.1
DEC 08...	--	--	--	150	8	35.7	3.36	E.1	7	13.8	1.49	7.77	2.51	.1
JUN 07...	.007	E.01	170	--	37.5	2.81	E.1	11	17.4	1.29	7.74	2.38	.1	
JUL 18...	.013	<.02	170	--	41.6	3.19	E.1	<6	16.4	1.18	7.79	2.80	.1	
AUG 22...	.007	<.02	190	--	41.7	3.55	E.1	E3	20.3	.92	7.30	2.52	.1	
SEP 12...	.006	<.02	190	--	40.1	3.62	E.1	<6	20.9	.76	6.95	2.36	.1	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02456999 FIVEMILE CREEK AT TARRANT PARK NEAR TARRANT, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Sodium, percent (00932)	Sulfate water, ftrd, mg/L (00945)	Alum- inum, water, ftrd, ug/L (01106)	Anti- mony, water, ftrd, ug/L (01095)	Arsenic water, ftrd, ug/L (01000)	Barium, water, ftrd, ug/L (01005)	Beryll- ium, water, ftrd, ug/L (01010)	Cadmium water, ftrd, ug/L (01025)	Chrom- ium, water, ftrd, ug/L (01030)	Cobalt water, ftrd, ug/L (01035)	Copper, water, ftrd, ug/L (01040)	Lead, water, ftrd, ug/L (01049)	Mangan- ese, water, ftrd, ug/L (01056)
NOV 03...	3	6.6	7	<.20	<2	32	<.06	<.04	<.8	.120	.5	<.08	4.0
DEC 08...	4	9.5	5	<.20	<2	28	<.06	<.04	<.8	.124	.6	<.08	7.3
JUN 07...	3	7.9	6	.24	<2	29	<.06	<.04	<.8	.109	.6	<.08	8.8
JUL 18...	3	8.2	6	<.20	<2	34	<.06	<.04	<.8	.120	.6	<.08	6.5
AUG 22...	3	5.8	4	<.20	<2	30	<.06	<.04	<.8	.119	.5	E.05	6.6
SEP 12...	3	5.2	2	<.20	.27	61	<.06	<.04	.19	.091	1.4	<.08	7.8

Date	Molyb- denum, water, ftrd, ug/L (01060)	Nickel, water, ftrd, ug/L (01065)	Selen- ium, water, ftrd, ug/L (01145)	Silver, water, ftrd, ug/L (01075)	Uranium natural water, ftrd, ug/L (22703)	Zinc, water, ftrd, ug/L (01090)	Residue total at 105 deg. C, sus- pended, mg/L (00530)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, ftrd, sum of consti- tuents mg/L (70301)	Residue water, ftrd, tons/d (70302)	Residue water, ftrd, tons/ acre-ft (70303)
NOV 03...	.4	<.06	<3	<.2	.33	1.1	<10	195	198	4.99	.27
DEC 08...	E.3	1.63	<3	<.2	.23	.9	<10	162	157	29.3	.22
JUN 07...	.6	1.21	<3	<.2	.19	.9	<10	175	168	16.6	.24
JUL 18...	.6	1.44	<3	<.2	.28	.9	<10	183	178	17.0	.25
AUG 22...	E.2	2.46	<3	<.2	.25	1.2	<10	196	188	6.66	.27
SEP 12...	E.4	2.16	.11	<.2	.05	2.9	<10	179	190	4.77	.24

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Di- chloro- benzene water, ftrd, ug/L (34572)	1- Methyl- naphth- alene, water, ftrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, ftrd, ug/L (62055)	2- Methyl- naphth- alene, water, ftrd, ug/L (62056)	3-beta- Coprostanol, water, ftrd, ug/L (62057)	3- Methyl- 1H- indole, water, ftrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, ftrd, ug/L (62060)	4- Octyl- phenol, water, ftrd, ug/L (62061)	4- Nonyl- phenol, water, ftrd, ug/L (62085)	4-tert- Octyl- phenol, water, ftrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)
DEC 08...	1030	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0
JUN 07...	1000	<.5	<.5	<.5	<.5	<2.0	E.004	<5.0	<1.0	<1.0	E.5	<1.0	<2.0
JUL 18...	1200	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0
AUG 22...	1115	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0
SEP 12...	1445	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0

Date	9,10- Anthra- quinone water, ftrd, ug/L (62066)	Aceto- phenone water, ftrd, ug/L (62064)	AHTN, water, ftrd, ug/L (62065)	Anthra- cene, water, ftrd, ug/L (34221)	Benzo- [a]- pyrene, water, ftrd, ug/L (34248)	Benzo- phenone water, ftrd, ug/L (62067)	beta- Sitos- terol, water, ftrd, ug/L (62068)	beta- Stigma- stanol, water, ftrd, ug/L (62086)	Bisphe- nol A, water, ftrd, ug/L (62069)	Broma- cil, water, ftrd, ug/L (04029)	Caf- feine, water, ftrd, ug/L (50305)	Camphor water, ftrd, ug/L (62070)	Carba- zole, water, ftrd, ug/L (62071)
DEC 08...	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	E.34	<.5	<.5
JUN 07...	E.11	<.5	<.5	<.5	<.5	E.005	<2.0	<2.0	<1.0	<.5	E.05	E.005	E.01
JUL 18...	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
AUG 22...	<.5	<.5	<.5	<.5	<.5	E.05	<2.0	<2.0	--	<.5	<.5	<.5	<.5
SEP 12...	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02456999 FIVEMILE CREEK AT TARRANT PARK NEAR TARRANT, AL--Continued

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd, ug/L (61706)	Fluoranthene, water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone, water, fltrd, ug/L (34409)	Iso-propylbenzene, water, fltrd, ug/L (62078)
DEC 08...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
JUN 07...	<2.0	E.03	E.05	<5.0	<1.0	<.5	E.03	E.01	<.5	E.004	<.5	<.5	<.5
JUL 18...	E.7	<1.0	E.008	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
AUG 22...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
SEP 12...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5

Date	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol, water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Penta-chlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloroethene, water, fltrd, ug/L (34476)	Tri-bromo-methane, water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)
DEC 08...	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5
JUN 07...	<.5	<.5	<.5	<.5	<.5	E.02	<2.0	<.5	E.21	E.007	E.004	<.5	<.5
JUL 18...	<.5	<.5	<.5	E.07	E.01	<1.0	<2.0	<.5	E.19	<.5	<.5	<.5	<.5
AUG 22...	<.5	<.5	<.5	<.5	<.5	<1.0	--	<.5	<.5	<.5	<.5	<.5	<.5
SEP 12...	<.5	<.5	<.5	<.5	<.5	E.03	<2.0	<.5	<.5	<.5	<.5	<.5	<.5

Date	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate, water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phosphate, wat fit ug/L (62093)	Tris(2-chloro-ethyl) phosphate, wat fit ug/L (62087)	Tris(di chloro-i-Pr) phosphate, wat fit ug/L (62088)
DEC 08...	<1.0	<.5	<.5	<.5	<.5	<.5
JUN 07...	<1.0	<.5	E.007	<.5	<.5	E.03
JUL 18...	<1.0	<.5	<.5	<.5	<.5	<.5
AUG 22...	<1.0	<.5	<.5	<.5	<.5	<.5
SEP 12...	<1.0	<.5	<.5	<.5	<.5	<.5

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acet-anilide wat fit ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	3,4-Di-chloro-aniline water, fltrd, ug/L (61625)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)
NOV 03...	--	<.006	--	E.006	--	--	--	<.006	<.005	<.005	.016	--	<.050
DEC 08...	--	<.006	--	E.010	--	--	--	<.006	<.005	<.005	.194	--	<.050
JUN 07...	<.09	<.006	<.005	E.011	<.004	<.004	<.006	<.006	<.005	--	.027	<.07	<.050
JUL 18...	<.09	<.006	<.005	E.012	<.004	<.004	<.006	<.006	<.005	--	.024	<.07	<.050
AUG 22...	<.09	<.006	<.005	E.009	<.004	<.004	<.006	<.006	<.005	--	.012	<.07	<.050
SEP 12...	<.09	<.006	<.005	E.010	<.004	<.004	<.006	<.006	<.005	--	.012	<.07	<.050

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02456999 FIVEMILE CREEK AT TARRANT PARK NEAR TARRANT, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	Cyflu- thrin, water, fltrd, ug/L (61585)	Cyper- methrin water, fltrd, ug/L (61586)	DCCA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diaz- inon oxon, water, fltrd, ug/L (61638)
NOV 03...	<.010	<.004	<.041	<.020	--	<.005	<.006	<.018	--	--	<.003	<.012	--
DEC 08...	<.010	<.004	<.041	<.020	--	<.005	<.006	<.018	--	--	<.003	<.012	--
JUN 07...	E.006	--	E.007	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.004	<.01
JUL 18...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.005	--
AUG 22...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.005	--
SEP 12...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.004	--
Date	Diaz- inon, water, fltrd, ug/L (39572)	Dicro- tophos, water, fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Fenami- phos sulfone water, fltrd, ug/L (61645)	Fenami- phos sulf- oxide, water, fltrd, ug/L (61646)	Fenami- phos, water, fltrd, ug/L (61591)
NOV 03...	<.005	--	<.009	--	<.02	<.004	<.009	--	--	<.005	--	--	--
DEC 08...	<.005	--	<.009	--	<.02	<.004	<.009	--	--	<.005	--	--	--
JUN 07...	<.005	<.08	E.001	<.006	--	--	--	<.0020	<.004	--	<.049	<.04	<.03
JUL 18...	<.005	<.08	E.003	<.006	--	--	--	<.0020	<.004	--	<.049	<.04	<.03
AUG 22...	<.005	<.08	<.009	<.006	--	--	--	<.002	<.004	--	<.049	<.04	<.03
SEP 12...	<.005	<.08	<.009	<.006	--	--	--	<.002	<.004	--	<.049	<.04	<.03
Date	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Hexa- zinone, water, fltrd, ug/L (04025)	lpro- dione, water, fltrd, ug/L (61593)	Isofen- phos, water, fltrd, ug/L (61594)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)
NOV 03...	<.029	<.013	<.024	<.016	<.003	--	--	--	<.004	<.035	--	<.027	--
DEC 08...	<.029	<.013	<.024	<.016	<.003	--	--	--	<.004	<.035	--	<.027	--
JUN 07...	E.007	E.006	E.007	E.010	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
JUL 18...	E.006	E.006	E.007	E.008	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
AUG 22...	E.005	E.006	E.007	E.006	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
SEP 12...	E.005	E.005	E.006	E.006	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02456999 FIVEMILE CREEK AT TARRANT PARK NEAR TARRANT, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Methi- althion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd, 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd, 0.7u GF ug/L (82671)	Myclo- butanil water, fltrd, ug/L (61599)	Naprop- amide, water, fltrd, 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd, 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd, 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)
NOV 03...	--	--	<.015	<.006	<.006	<.003	--	<.007	<.003	<.010	<.004	<.022	--
DEC 08...	--	--	<.015	<.006	<.006	<.003	--	<.007	<.003	<.010	<.004	<.022	--
JUN 07...	<.006	<.03	<.015	<.006	<.006	--	E.006	--	--	--	--	E.010	<.10
JUL 18...	<.006	<.03	<.015	<.006	<.006	--	E.006	--	--	--	--	<.022	<.10
AUG 22...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	<.022	<.10
SEP 12...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	<.022	<.10

Date	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome- ton, water, fltrd, ug/L (04037)	Prome- tryn, water, fltrd, ug/L (04036)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)
NOV 03...	<.011	--	--	<.01	--	<.004	<.025	<.011	<.02	.033	<.02	<.034	--
DEC 08...	<.011	--	--	<.01	--	<.004	<.025	<.011	<.02	.191	<.02	<.034	--
JUN 07...	<.011	--	--	E.01	<.005	<.004	--	--	--	.021	<.02	--	<.07
JUL 18...	<.011	<.05	<.008	E.01	<.005	<.004	--	--	--	.018	<.02	--	<.07
AUG 22...	<.011	<.05	<.008	E.01	<.005	<.004	--	--	--	.013	E.01	--	<.07
SEP 12...	<.011	--	--	E.01	<.005	<.004	--	--	--	.015	.02	--	<.07

Date	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)
NOV 03...	<.02	--	<.010	<.006	<.009	--
DEC 08...	<.02	--	<.010	<.006	<.009	--
JUN 07...	<.02	<.01	--	--	E.005	<.01
JUL 18...	<.02	<.01	--	--	<.009	<.01
AUG 22...	<.02	<.01	--	--	<.009	<.01
SEP 12...	<.02	<.01	--	--	<.009	<.01

SEMIVOLATILE COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1,2-Di- phenyl- hydra- zine, water, unfltrd ug/L (82626)	2,4,6- Tri- chloro- phenol, water, unfltrd ug/L (34621)	2,4-Di- chloro- phenol, water, unfltrd ug/L (34601)	2,4-Di- chloro- phenol, water, unfltrd ug/L (34606)	2,4-Di- nitro- phenol, water, unfltrd ug/L (34616)	2,4-Di- nitro- toluene water unfltrd ug/L (34611)	2,6-Di- nitro- toluene water unfltrd ug/L (34626)	2- Chloro- naphth- alene, water, unfltrd ug/L (34581)	2- chloro- phenol, water, unfltrd ug/L (34586)	2- Methyl- 4,6-di- nitro- phenol, wat unf ug/L (34657)	2- nitro- phenol, water unfltrd ug/L (34591)	3,3'-Di chloro- benzi- dine, water, unfltrd ug/L (34631)	4- Bromo- phenyl ether, wat unf ug/L (34636)
SEP 12...	<2.2	<1.4	<2.5	<2.0	<3.3	<1.4	<2.3	<1.0	<1	<1.8	<1.4	<.9	<2.1

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02456999 FIVEMILE CREEK AT TARRANT PARK NEAR TARRANT, AL--Continued

SEMIVOLATILE COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	4-Chloro-3-methyl-phenol, wat unf ug/L (34452)	4-Chloro-phenyl ether, wat unf ug/L (34641)	4-Nitro-phenol, water, unfltrd ug/L (34646)	9H-Fluorene, water, unfltrd ug/L (34381)	Ace-naphthene, water, unfltrd ug/L (34205)	Ace-naphthylene, water, unfltrd ug/L (34200)	Anthracene, water, unfltrd ug/L (34220)	Benzi-dine, water, unfltrd ug/L (39120)	Benzo-[a]-anthracene, water, unfltrd ug/L (34526)	Benzo-[a]-pyrene, water, unfltrd ug/L (34247)	Benzo-[b]-fluoranthene, water, unfltrd ug/L (34230)	Benzo-[ghi]-perylene, water, unfltrd ug/L (34521)	Benzo-[k]-fluoranthene, water, unfltrd ug/L (34242)
SEP 12...	<1.6	<1.2	<2.4	<1.2	<1.9	<1.8	<2	<1000	<1.6	<1.3	<1.9	<1.6	<1.4
Date	Benzyl n-butyl phthalate, water, unfltrd ug/L (34292)	Bis(2-chloroethoxy) methane, water, unfltrd ug/L (34278)	Bis(2-chloroethyl) ether, water, unfltrd ug/L (34273)	Bis(2-chloro-isopropyl) ether, wat unf ug/L (34283)	Bis(2-ethylhexyl) phthalate, wat unf ug/L (39100)	Chrysene, water, unfltrd ug/L (34320)	Di-benzo-[a,h]-anthracene, wat unf ug/L (34556)	Di-ethyl phthalate, water, unfltrd ug/L (34336)	Di-methyl phthalate, water, unfltrd ug/L (34341)	Di-n-butyl phthalate, water, unfltrd ug/L (39110)	Di-n-octyl phthalate, water, unfltrd ug/L (34596)	Fluoranthene, water, unfltrd ug/L (34376)	Hexachlorobenzene, water, unfltrd ug/L (39700)
SEP 12...	<1.8	<1.0	<1.0	<1.0	<1.8	<1.2	<2.2	<1.6	<1.0	<1.7	<2.3	<1.4	<1.0
Date	Hexachlorocyclopentadiene, wat unf ug/L (34386)	Indeno-[1,2,3-cd]-pyrene, water, unfltrd ug/L (34403)	Iso-phorone, water, unfltrd ug/L (34408)	Nitrobenzene, water, unfltrd ug/L (34447)	N-Nitrosodimethylamine, wat unf ug/L (34438)	N-Nitrosodipropylamine, wat unf ug/L (34428)	N-Nitrosodiphenylamine, wat unf ug/L (34433)	Pentachlorophenol, water, unfltrd ug/L (39032)	Phenanthrene, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pyrene, water, unfltrd ug/L (34469)	1,2,4-Trichlorobenzene, water, unfltrd ug/L (34551)	1,2-Dichlorobenzene, water, unfltrd ug/L (34536)
SEP 12...	<1.2	<1.8	<2.2	<1.4	<1.6	<1.6	<1.9	<1.8	<1.0	<1.6	<1.6	<1.2	<1.5
Date					1,3-Dichlorobenzene, water, unfltrd ug/L (34566)	1,4-Dichlorobenzene, water, unfltrd ug/L (34571)	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)	Naphthalene, water, unfltrd ug/L (34696)				
SEP 12...					<1.2	<1.4	<1.2	<1.6	<1.6				

FECAL INDICATOR BACTERIA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)
JUN 02...	0940	--	9.1	97	7.8	309	18.6	--	E210	200
06...	1100	--	--	--	--	--	--	--	42	E53
15...	1045	--	10.0	114	7.9	346	21.7	--	140	120
29...	1000	--	--	--	--	--	--	--	120	--
AUG 03...	1015	--	10.6	123	8.2	348	22.5	120	--	--
15...	1000	--	9.8	112	8.0	354	22.1	E25	--	--
SEP 02...	0930	.4	10.4	115	7.4	354	20.5	66	--	--
29...	1010	.4	9.7	108	8.2	352	20.8	66	--	--

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457502 FIVEMILE CREEK BELOW SPRINGDALE ROAD NEAR TARRANT, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Specific conductance, wat unf lab, uS/cm 25 degC (90095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)
DEC 07...	1300	17.0	--	755	283	167	159	9.8	101	7.0	7.9	--	72
JUN 06...	1130	22.6	--	748	32	352	321	10.2	120	8.1	8.2	160	--
JUL 18...	1040	23.1	--	756	42	346	327	9.6	112	8.0	8.3	163	--
AUG 22...	1500	27.7	--	--	16	355	344	8.4	--	8.2	8.4	165	--
SEP 13...	0830	20.8	21.0	756	15	397	388	7.9	89	7.9	7.9	186	--
Date	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Total nitrogen, water, unfltrd mg/L (00600)	Total nitrogen, water, fltrd, mg/L (00602)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite water, fltrd, mg/L as N (00613)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Phosphorus, water, unfltrd mg/L (00665)
DEC 07...	--	--	--	E13000	E10000	--	--	--	--	--	--	--	--
JUN 06...	195	.0	--	220	130	--	--	<.04	E.004	E.07	E.09	1.03	.011
JUL 18...	199	.0	--	--	--	1.0	--	<.04	<.008	E.08	.13	.87	.015
AUG 22...	197	2	E9	--	--	.92	.88	E.02	<.008	.10	.14	.78	.008
SEP 13...	227	.0	66	--	--	1.2	1.2	<.04	E.006	.10	.10	1.06	.008
Date	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Iron, water, fltrd, ug/L (01046)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Silica, water, fltrd, mg/L (00955)	Sodium, water, fltrd, mg/L (00930)	Sodium adsorption ratio (00931)
DEC 07...	--	--	81	10	20.5	1.85	E.1	47	7.34	1.97	5.15	1.45	.1
JUN 06...	.005	<.02	140	--	33.2	3.41	E.1	E3	14.6	.89	5.14	2.03	.1
JUL 18...	.011	<.02	180	--	45.0	3.20	E.1	<6	16.6	1.40	7.82	2.76	.1
AUG 22...	.007	<.02	190	--	41.7	3.67	E.1	7	21.0	1.14	7.38	2.92	.1
SEP 13...	E.004	<.02	220	--	48.9	4.29	E.1	<6	24.0	1.01	6.89	3.25	.1
Date	Sodium, percent (00932)	Sulfate water, fltrd, ug/L (00945)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)
DEC 07...	4	11.0	16	E.12	E1	18	<.06	<.04	<.8	.131	1.2	E.06	6.7
JUN 06...	3	18.9	34	<.20	<2	25	<.06	<.04	<.8	.214	2.2	<.08	5.8
JUL 18...	3	10.1	7	<.20	E2	36	<.06	<.04	<.8	.146	.5	<.08	8.3
AUG 22...	3	10.3	7	<.20	<2	32	<.06	<.04	E.4	.142	.7	.15	11.7
SEP 13...	3	17.1	4	E.11	.45	32	<.06	<.04	.17	.166	.7	<.08	9.6

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457502 FIVEMILE CREEK BELOW SPRINGDALE ROAD NEAR TARRANT, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Uranium natural, water, fltrd, ug/L (22703)	Zinc, water, fltrd, ug/L (01090)	Residue total at 105 deg. C, suspended, mg/L (00530)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/d (70302)	Residue water, fltrd, tons/ acre-ft (70303)
DEC 07...	.5	1.18	<3	<.2	.22	1.2	128	102	92	78.1	.14
JUN 06...	.6	2.03	<3	<.2	.32	4.4	<10	212	179	18.2	.29
JUL 18...	.7	1.52	<3	<.2	.32	1.1	<10	197	189	22.4	.27
AUG 22...	.6	2.38	<3	<.2	.37	.9	<10	198	190	8.45	.27
SEP 13...	.8	2.07	.29	<.2	.58	1.3	<10	215	222	8.77	.29

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	
DEC 07...	1300	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
JUN 06...	1130	<.5	<.5	<.5	<.5	<2.0	E.006	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
JUL 18...	1040	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	E.5	<1.0	<2.0	
AUG 22...	1500	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
SEP 13...	0830	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	E.8	<1.0	<2.0	
Date		9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-sterol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carba-zole, water, fltrd, ug/L (62071)
DEC 07...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	E.08	<.5	<.5
JUN 06...	E.07	<.5	<.5	<.5	<.5	<.5	E.01	E.4	E.4	<1.0	E.06	E.04	E.006	E.006
JUL 18...	<.5	<.5	<.5	<.5	<.5	<.5	E.03	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
AUG 22...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	--	<.5	<.5	<.5	<.5
SEP 13...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
Date		Choles-terol, water, fltrd, ug/L (62072)	Coti-nine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)
DEC 07...	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
JUN 06...	E.6	E.03	E.03	<5.0	<1.0	<.5	<.5	<1.0	E.010	<.5	E.005	<.5	E.006	<.5
JUL 18...	E.6	<1.0	E.06	<5.0	<1.0	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
AUG 22...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
SEP 13...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457502 FIVEMILE CREEK BELOW SPRINGDALE ROAD NEAR TARRANT, AL--Continued

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Iso-quinoline, water, filtrd, ug/L (62079)	Menthol, water, filtrd, ug/L (62080)	Meta-laxyl, water, filtrd, ug/L (50359)	Methyl salicylate, water, filtrd, ug/L (62081)	Naphthalene, water, filtrd, ug/L (34443)	p-Cresol, water, filtrd, ug/L (62084)	Penta-chlorophenol, water, filtrd, ug/L (34459)	Phenanthrene, water, filtrd, ug/L (34462)	Phenol, water, filtrd, ug/L (34466)	Pyrene, water, filtrd, ug/L (34470)	Tetra-chloroethene, water, filtrd, ug/L (34476)	Tri-bromo-methane, water, filtrd, ug/L (34288)	Tri-butyl phosphate, water, filtrd, ug/L (62089)
DEC 07...	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5
JUN 06...	<.5	<.5	<.5	E.01	E.03	E.04	<2.0	E.008	E.34	E.006	<.5	<.5	<.5
JUL 18...	<.5	<.5	<.5	<.5	E.01	<1.0	<2.0	<.5	E.25	<.5	<.5	<.5	<.5
AUG 22...	<.5	<.5	<.5	<.5	<.5	<1.0	--	<.5	<.5	<.5	<.5	<.5	<.5
SEP 13...	<.5	<.5	<.5	<.5	E.03	E.02	<2.0	E.006	<.5	<.5	<.5	<.5	<.5

Date	Triclo-san, water, filtrd, ug/L (62090)	Tri-ethyl citrate, water, filtrd, ug/L (62091)	Tri-phenyl phosphate, water, filtrd, ug/L (62092)	Tris(2-butoxy-ethyl) phosphate, wat fit ug/L (62093)	Tris(2-chloro-ethyl) phosphate, wat fit ug/L (62087)	Tris(di chloro-i-Pr) phosphate, wat fit ug/L (62088)
DEC 07...	<1.0	<.5	<.5	<.5	<.5	<.5
JUN 06...	<1.0	<.5	E.006	<.5	<.5	E.03
JUL 18...	<1.0	<.5	<.5	<.5	<.5	<.5
AUG 22...	<1.0	<.5	<.5	<.5	<.5	<.5
SEP 13...	<1.0	<.5	<.5	<.5	<.5	<.5

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1-Naphthol, water, filtrd 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline water filtrd 0.7u GF ug/L (82660)	2Chloro -2',6'-diethyl acet-anilide wat fit ug/L (61618)	CIAT, water, filtrd, ug/L (04040)	2-Ethyl -6-methyl-aniline water, filtrd, ug/L (61620)	3,4-Di-chloro-aniline water filtrd, ug/L (61625)	4Chloro 2methyl phenol, water, filtrd, ug/L (61633)	Aceto-chlor, water, filtrd, ug/L (49260)	Ala-chlor, water, filtrd, ug/L (46342)	alpha-HCH, water, filtrd, ug/L (34253)	Atra-zine, water, filtrd, ug/L (39632)	Azin-phos-methyl oxon, water, filtrd, ug/L (61635)	Azin-phos-methyl, water, filtrd 0.7u GF ug/L (82686)
DEC 07...	--	<.006	--	E.018	--	--	--	<.006	<.005	<.005	.800	--	<.050
JUN 06...	<.09	<.006	<.005	E.012	<.004	<.004	<.006	<.006	<.005	--	.029	<.07	<.050
JUL 18...	<.09	<.006	<.005	E.010	<.004	<.004	<.006	<.006	<.005	--	.022	<.07	<.050
AUG 22...	<.09	<.006	<.005	E.009	<.004	<.004	<.006	<.006	<.005	--	.013	<.07	<.050
SEP 13...	<.09	<.006	<.005	E.010	<.004	<.004	<.006	<.006	<.005	--	.012	<.07	<.050

Date	Ben-flu-alin, water, filtrd 0.7u GF ug/L (82673)	Butyl-ate, water, filtrd, ug/L (04028)	Car-baryl, water, filtrd 0.7u GF ug/L (82680)	Carbo-furan, water, filtrd 0.7u GF ug/L (82674)	Chlor-pyrifos oxon, water, filtrd, ug/L (61636)	Chlor-pyrifos water, filtrd, ug/L (38933)	cis-Per-methrin water filtrd 0.7u GF ug/L (82687)	Cyana-zine, water, filtrd, ug/L (04041)	Cyflu-thrin, water, filtrd, ug/L (61585)	Cyper-methrin water, filtrd, ug/L (61586)	DCPA, water filtrd 0.7u GF ug/L (82682)	Desulf-inyl fipro-nil, water, filtrd, ug/L (62170)	Diaz-inon oxon, water, filtrd, ug/L (61638)
DEC 07...	<.010	<.004	E.023	<.020	--	<.005	<.006	<.018	--	--	<.003	<.012	--
JUN 06...	<.010	--	E.010	--	<.06	<.005	<.006	--	<.027	<.009	E.002	E.005	<.01
JUL 18...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.004	--
AUG 22...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.005	--
SEP 13...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.007	--

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457502 FIVEMILE CREEK BELOW SPRINGDALE ROAD NEAR TARRANT, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water, fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethoate, water, fltrd, 0.7u GF ug/L (82662)	Disulfoton, water, fltrd, 0.7u GF ug/L (82677)	EPTC, water, fltrd, 0.7u GF ug/L (82668)	Ethion, water, fltrd, 0.7u GF ug/L (82663)	Ethion monoxon, water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Ethion, water, fltrd, 0.7u GF ug/L (82672)	Fenamiphos sulfone, water, fltrd, ug/L (61645)	Fenamiphos sulf-oxide, water, fltrd, ug/L (61646)	Fenamiphos, water, fltrd, ug/L (61591)
DEC 07...	<.005	--	<.009	--	<.02	<.004	<.009	--	--	<.005	--	--	--
JUN 06...	<.005	<.08	E.002	<.006	--	--	--	<.0020	<.004	--	<.049	<.04	<.03
JUL 18...	<.005	<.08	E.004	<.006	--	--	--	<.0020	<.004	--	<.049	<.04	<.03
AUG 22...	<.005	<.08	<.009	<.006	--	--	--	<.002	<.004	--	<.049	<.04	<.03
SEP 13...	<.005	<.08	<.009	<.006	--	--	--	<.002	<.004	--	<.049	<.04	<.03
Date	Desulf-inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)	Fonofos, water, fltrd, ug/L (04095)	Hexa-zinone, water, fltrd, ug/L (04025)	Ip-ro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Lindane, water, fltrd, ug/L (39341)	Linuron, water, fltrd, 0.7u GF ug/L (82666)	Mala-oxon, water, fltrd, ug/L (61652)	Mala-thion, water, fltrd, ug/L (39532)	Meta-laxyl, water, fltrd, ug/L (61596)
DEC 07...	<.029	<.013	<.024	<.016	<.003	--	--	--	<.004	<.035	--	<.027	--
JUN 06...	E.007	E.006	E.007	E.009	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
JUL 18...	E.005	E.006	E.006	E.007	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
AUG 22...	E.006	E.006	E.007	<.016	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
SEP 13...	E.014	.013	E.013	E.016	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
Date	Methi-althion, water, fltrd, ug/L (61598)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd, 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Moli-nate, water, fltrd, 0.7u GF ug/L (82671)	Myclo-butanil, water, fltrd, ug/L (61599)	Naprop-amide, water, fltrd, 0.7u GF ug/L (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd, 0.7u GF ug/L (82669)	Pendi-meth-alin, water, fltrd, 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)
DEC 07...	--	--	<.015	<.006	<.006	<.003	--	<.007	<.003	<.010	<.004	<.022	--
JUN 06...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	E.009	<.10
JUL 18...	<.006	<.03	<.015	<.006	<.006	--	E.005	--	--	--	--	<.022	<.10
AUG 22...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	<.022	<.10
SEP 13...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	<.022	<.10
Date	Phorate, water, fltrd, 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet, water, fltrd, ug/L (61601)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propy-zamide, water, fltrd, 0.7u GF ug/L (82676)	Propa-chlor, water, fltrd, ug/L (04024)	Propanil, water, fltrd, 0.7u GF ug/L (82679)	Propar-gite, water, fltrd, 0.7u GF ug/L (82685)	Sima-zine, water, fltrd, ug/L (04035)	Tebu-thiuron, water, fltrd, 0.7u GF ug/L (82670)	Terba-cil, water, fltrd, 0.7u GF ug/L (82665)	Ter-bufos oxon sulfone, water, fltrd, ug/L (61674)
DEC 07...	<.011	--	--	<.01	--	<.004	<.025	<.011	<.02	.816	<.02	<.034	--
JUN 06...	<.011	--	--	.01	<.005	<.004	--	--	--	.018	.02	--	<.07
JUL 18...	<.011	<.05	<.008	E.01	<.005	<.004	--	--	--	.016	<.02	--	<.07
AUG 22...	<.011	<.05	<.008	E.01	<.005	<.004	--	--	--	.015	E.01	--	<.07
SEP 13...	<.011	<.05	<.008	.01	<.005	<.004	--	--	--	.015	<.02	--	<.07

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457502 FIVEMILE CREEK BELOW SPRINGDALE ROAD NEAR TARRANT, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Di- chlor- vos, water fltrd, ug/L (38775)
DEC 07...	<.02	--	<.010	<.006	<.009	--
JUN 06...	<.02	<.01	--	--	E.004	<.01
JUL 18...	<.02	<.01	--	--	<.009	<.01
AUG 22...	<.02	<.01	--	--	<.009	<.01
SEP 13...	<.02	<.01	--	--	<.009	<.01

SEMIVOLATILE COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1,2-Di- phenyl- hydraz- ine, water, unfltrd ug/L (82626)	2,4,6- Tri- chloro- phenol, water, unfltrd ug/L (34621)	2,4-Di- chloro- phenol, water, unfltrd ug/L (34601)	2,4-Di- methyl- phenol, water, unfltrd ug/L (34606)	2,4-Di- nitro- phenol, water, unfltrd ug/L (34616)	2,4-Di- nitro- toluene water unfltrd ug/L (34611)	2,6-Di- nitro- toluene water unfltrd ug/L (34626)	2- Chloro- naphth- alene, water, unfltrd ug/L (34581)	2- chloro- phenol, water, unfltrd ug/L (34586)	2- Methyl- 4,6-di- nitro- phenol, wat unf ug/L (34657)	2- nitro- phenol, water unfltrd ug/L (34591)	3,3'-Di chloro- benzi- dine, water, unfltrd ug/L (34631)	4- Bromo- phenyl phenyl ether, wat unf ug/L (34636)
SEP 13...	<2.2	<1.4	<2.5	<2.0	<3.3	<1.4	<2.3	<1.0	<1	<1.8	<1.4	<.9	<2.1
Date	4- Chloro- 3- methyl- phenol, wat unf ug/L (34452)	4- Chloro- phenyl phenyl ether, wat unf ug/L (34641)	4- Nitro- phenol, water, unfltrd ug/L (34646)	9H- Fluor- ene, water, unfltrd ug/L (34381)	Ace- naphth- ene, water, unfltrd ug/L (34205)	Ace- naphth- ylene, water, unfltrd ug/L (34200)	Anthra- cene, water, unfltrd ug/L (34220)	Benzi- dine, water, unfltrd ug/L (39120)	Benzo- [a]- anthra- cene, water, unfltrd ug/L (34526)	Benzo- [a]- pyrene, water, unfltrd ug/L (34247)	Benzo- [b]- fluor- anthene water unfltrd ug/L (34230)	Benzo- [ghi]- per- ylene, water, unfltrd ug/L (34521)	Benzo- [k]- fluor- anthene water unfltrd ug/L (34242)
SEP 13...	<1.6	<1.2	<2.4	<1.2	E.004	<1.8	<2	<1000	<1.6	<1.3	<1.9	<1.6	<1.4
Date	Benzy- n-butyl phthal- ate, water, unfltrd ug/L (34292)	Bis(2- chloro- ethoxy) methane water unfltrd ug/L (34278)	Bis(2- chloro- ethyl) ether, water, unfltrd ug/L (34273)	Bis(2- chloro- iso- propyl) phthal- ate, wat unf ug/L (34283)	Bis(2- ethyl- hexyl) phthal- ate, wat unf ug/L (39100)	Chrys- ene, water, unfltrd ug/L (34320)	Di- benzo- [a,h]- anthra- cene, wat unf ug/L (34556)	Di- ethyl phthal- ate, water, unfltrd ug/L (34336)	Di- methyl phthal- ate, water, unfltrd ug/L (34341)	Di-n- butyl phthal- ate, water, unfltrd ug/L (39110)	Di-n- octyl phthal- ate, water, unfltrd ug/L (34596)	Fluor- anthene water unfltrd ug/L (34376)	Hexa- chloro- benzene water unfltrd ug/L (39700)
SEP 13...	<1.8	<1.0	<1.0	<1.0	<1.8	<1.2	<2.2	<1.6	<1.0	<1.7	<2.3	<1.4	<1.0
Date	Hexa- chloro- cyclo- penta- diene, wat unf ug/L (34386)	Indeno- [1,2,- 3-cd]- pyrene, water, unfltrd ug/L (34403)	Iso- phorone water unfltrd ug/L (34408)	Nitro- benzene water unfltrd ug/L (34447)	N- Nitroso- di- methyl- amine, wat unf ug/L (34438)	N- Nitroso- di-n- propyl- amine, wat unf ug/L (34428)	N- Nitroso- di- phenyl- amine, wat unf ug/L (34433)	Penta- chloro- phenol, water, unfltrd ug/L (39032)	Phenan- threne, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pyrene, water, unfltrd ug/L (34469)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)	1,2-Di- chloro- benzene water unfltrd ug/L (34536)
SEP 13...	<1.2	<1.8	<2.2	<1.4	<1.6	<1.6	<1.9	<1.8	<1.0	<1.6	<1.6	<1.2	<1.5
Date			1,3-Di- chloro- benzene water unfltrd ug/L (34566)	1,4-Di- chloro- benzene water unfltrd ug/L (34571)	Hexa- chloro- buta- diene, water, unfltrd ug/L (39702)	Hexa- chloro- ethane, water, unfltrd ug/L (34396)	Naphth- alene, water, unfltrd ug/L (34696)						
SEP 13...			<1.2	<1.4	<1.2	<1.6	E.03						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457502 FIVEMILE CREEK BELOW SPRINGDALE ROAD NEAR TARRANT, AL--Continued

FECAL INDICATOR BACTERIA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Turbidity, IR LED light, det ang 90 deg, FNU (63680)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfiltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coli- form, M-FC 0.7u MF col/ 100 mL (31625)
JUN											
02...	1400	--	--	9.2	100	7.9	332	19.5	--	E160	E150
15...	1100	--	--	10.4	121	7.8	361	23.2	--	E31	E14
29...	1020	--	--	--	--	--	--	--	--	180	--
AUG											
03...	1045	--	--	10.8	130	8.2	369	24.6	68	--	--
15...	1015	--	--	9.6	115	8.2	375	24.1	E14	--	--
SEP											
02...	1105	2.3	751	9.9	113	8.1	383	22.2	E8	--	--
29...	0815	1.1	--	8.2	93	8.0	380	21.7	59	--	--

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457510 FIVEMILE CREEK AT LEWISBURG, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Specific conductance, wat unf lab, uS/cm 25 degC (90095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)
NOV 02...	1130	22.2	23.8	756	25	555	615	7.9	91	7.7	7.8	--	143
JUN 07...	1230	22.0	--	--	90	423	386	8.3	--	7.8	8.0	138	--
JUL 18...	1545	26.2	--	756	64	451	410	8.7	108	7.9	8.2	143	--
AUG 23...	0900	26.1	--	755	31	512	505	7.1	87	8.1	8.0	147	--
SEP 13...	1130	24.7	31.5	--	24	546	543	9.6	115	8.2	8.2	--	--
Date	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	E coli, modif. m-TEC, water, col/100 mL (90902)	E coli, m-TEC MF, water, col/100 mL (31633)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)	Total nitrogen, water, unfltrd mg/L (00600)	Total nitrogen, water, fltrd, mg/L (00602)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia water, fltrd, mg/L (71846)	Nitrite water, fltrd, mg/L as N (00613)	Nitrate water, fltrd, mg/L as N (00618)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)
NOV 02...	--	--	--	180	120	--	--	--	--	--	--	--	--
JUN 07...	168	.0	--	630	680	2.4	2.3	.14	.19	.063	1.82	.39	.49
JUL 18...	174	.0	--	--	--	2.0	1.9	E.02	--	.017	1.62	.28	.40
AUG 23...	178	.0	64	--	--	2.3	2.2	.05	.06	.027	1.91	.29	.42
SEP 13...	--	--	50	--	--	3.0	2.9	.04	.06	.037	2.48	.36	.45
Date	Organic nitrogen, water, fltrd, mg/L (00607)	Organic nitrogen, water, unfltrd mg/L (00605)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L (71851)	Nitrite water, fltrd, mg/L (71856)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)	Orthophosphate, water, fltrd, mg/L as P (00671)	Orthophosphate, water, fltrd, mg/L (00660)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Chloride, water, fltrd, mg/L (00940)
NOV 02...	--	--	--	--	--	--	--	--	--	210	65	56.2	30.4
JUN 07...	.25	.35	1.88	8.06	.207	.068	.045	.03	.095	190	--	48.3	6.84
JUL 18...	--	--	1.64	7.19	.056	.070	.044	.02	.074	180	--	47.3	11.6
AUG 23...	.25	.37	1.93	8.43	.089	.093	.072	.04	.126	190	--	49.8	31.0
SEP 13...	.32	.41	2.51	11.0	.122	.114	.088	.05	.144	190	--	49.6	30.8
Date	Fluoride, water, fltrd, mg/L (00950)	Iron, water, fltrd, ug/L (01046)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Silica, water, fltrd, mg/L (00955)	Sodium, water, fltrd, mg/L (00930)	Sodium adsorption ratio (00931)	Sodium, percent (00932)	Sulfate water, fltrd, mg/L (00945)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)
NOV 02...	.8	29	16.5	4.58	9.56	52.1	2	35	118	36	.29	3	115
JUN 07...	.4	13	16.0	4.39	10.7	12.1	.4	12	56.6	16	.41	<2	51
JUL 18...	.5	11	15.6	3.29	8.95	17.4	.6	17	46.2	23	.28	2	50
AUG 23...	.7	27	16.5	3.80	7.51	33.7	1	27	58.6	32	.32	2	116
SEP 13...	.8	28	15.9	5.14	7.45	39.6	1	31	87.8	37	.37	3.6	126

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457510 FIVEMILE CREEK AT LEWISBURG, AL--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Beryllium, water, fltrd, ug/L (01010)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt, water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Uranium natural, water, fltrd, ug/L (22703)	Zinc, water, fltrd, ug/L (01090)
NOV 02...	<.06	<.04	2.0	.325	1.5	<.08	22.4	3.3	.58	6	<.2	.86	2.2
JUN 07...	<.06	<.04	<.8	.384	1.7	<.08	28.7	1.9	2.43	E1	<.2	.57	3.9
JUL 18...	<.06	<.04	<.8	.297	.8	.11	25.3	1.6	2.26	E2	<.2	.57	2.4
AUG 23...	<.06	E.03	1.3	.252	2.0	E.07	18.7	2.7	3.05	5	<.2	.42	1.9
SEP 13...	<.06	.41	1.3	.239	2.1	E.07	19.2	3.4	2.54	5.4	<.2	.46	5.2

Date	Residue total at 105 deg. C, suspended, mg/L (00530)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/d (70302)	Residue water, fltrd, tons/ acre-ft (70303)
NOV 02...	<10	390	374	25.9	.53
JUN 07...	13	253	247	61.7	.34
JUL 18...	30	249	244	43.1	.34
AUG 23...	<10	299	299	25.0	.41
SEP 13...	<10	332	--	--	--

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Dichlorobenzene, water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole, water, fltrd, ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water, fltrd, ug/L (62063)
JUN 07...	1230	<.5	E.01	E.005	E.01	E.5	E.004	<5.0	E.007	<1.0	E.7	<1.0	E.2
JUL 18...	1545	<.5	E.02	<.5	E.02	<2.0	<1.0	<5.0	<1.0	<1.0	E.8	<1.0	<2.0
AUG 23...	0900	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0
SEP 13...	1130	<.5	E.01	<.5	E.01	E.2	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	E.08

Date	9,10-Anthraquinone, water, fltrd, ug/L (62066)	Acetophenone, water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone, water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor, water, fltrd, ug/L (62070)	Carbazole, water, fltrd, ug/L (62071)
JUN 07...	E.08	<.5	E.01	E.02	<.5	E.02	E.8	E.9	<1.0	2.4	E.05	E.008	E.02
JUL 18...	E.03	<.5	<.5	E.01	<.5	<.5	<2.0	<2.0	<1.0	.68	E.08	<.5	E.03
AUG 23...	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	--	<.5	<.5	<.5	E.04
SEP 13...	<.5	<.5	<.5	E.01	<.5	<.5	E.3	E.4	E.03	<.5	E.03	E.008	E.02

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457510 FIVEMILE CREEK AT LEWISBURG, AL--Continued

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd, ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd, ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)
JUN 07...	E1.0	<1.0	E.05	E1.2	<1.0	<.5	E.06	E.04	<.5	<.5	<.5	E.005	<.5
JUL 18...	E.7	<1.0	E.09	<5.0	<1.0	<.5	<1.0	E.03	<.5	<.5	<.5	<.5	<.5
AUG 23...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<1.0	E.05	<.5	<.5	<.5	E.03	<.5
SEP 13...	<2.0	<1.0	E.04	E1.1	E.05	<.5	E.06	E.03	<.5	E.008	<.5	E.006	<.5
Date	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Penta- chloro- phenol, water, fltrd, ug/L (34459)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)
JUN 07...	<.5	<.5	<.5	<.5	E.10	E.02	E.08	E.02	E.17	E.04	<.5	<.5	E.02
JUL 18...	<.5	<.5	<.5	<.5	E.17	<1.0	<2.0	E.03	E.23	E.02	<.5	<.5	<.5
AUG 23...	<.5	<.5	<.5	<.5	E.09	<1.0	--	E.03	<.5	E.04	<.5	<.5	<.5
SEP 13...	E.01	<.5	<.5	<.5	E.09	E.02	<2.0	E.02	<.5	E.03	<.5	<.5	<.5
Date			Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)					
	JUN 07...		<1.0	<.5	E.007	E.14	<.5	E.03					
	JUL 18...		<1.0	<.5	<.5	<.5	<.5	<.5					
	AUG 23...		<1.0	<.5	<.5	<.5	<.5	<.5					
	SEP 13...		<1.0	<.5	<.5	<.5	<.5	<.5					

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1-Naphthol, water, fltrd, 0.7u GF ug/L (49295)	2,6-Di-ethyl-aniline, water, fltrd, 0.7u GF ug/L (82660)	2Chloro-2',6'-diethyl acet-anilide, wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methyl-aniline, water, fltrd, ug/L (61620)	3,4-Di-chloro-aniline, water, fltrd, ug/L (61625)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl oxon, water, fltrd, ug/L (61635)	Azin-phos-methyl, water, fltrd, 0.7u GF ug/L (82686)
NOV 02...	--	<.006	--	<.006	--	--	--	<.006	<.005	<.005	.013	--	<.050
JUN 07...	<.09	<.006	<.005	E.009	<.004	E.010	<.006	<.006	<.015	--	.019	<.07	<.050
JUL 18...	<.09	<.006	<.005	E.009	<.004	<.004	<.006	<.006	<.005	--	.019	<.07	<.050
AUG 23...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	<.09	<.006	<.005	E.009	<.004	<.004	<.006	<.006	<.005	--	.010	<.07	<.050

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457510 FIVEMILE CREEK AT LEWISBURG, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	Cyflu- thrin, water, fltrd, ug/L (61585)	Cyper- methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diaz- inon oxon, water, fltrd, ug/L (61638)
NOV 02...	<.010	<.004	<.041	<.020	--	<.005	<.006	<.018	--	--	<.003	<.012	--
JUN 07...	E.005	--	E.010	--	<.06	<.005	<.006	--	<.027	<.150	<.003	E.004	<.01
JUL 18...	<.010	--	E.006	--	<.06	<.005	<.006	--	<.027	<.009	<.003	E.005	--
AUG 23...	--	--	<1	--	--	<.5	--	--	--	--	--	--	--
SEP 13...	<.010	--	<.041	--	<.06	<.005	<.006	--	<.027	<.009	<.003	<.012	--
Date	Diazi- non, water, fltrd, ug/L (39572)	Dicro- tophos, water fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Fenami- phos sulfone water, fltrd, ug/L (61645)	Fenami- phos sulf- oxide, water, fltrd, ug/L (61646)	Fenami- phos, water, fltrd, ug/L (61591)
NOV 02...	<.005	--	<.009	--	<.02	<.004	<.009	--	--	<.005	--	--	--
JUN 07...	<.005	<.08	E.002	<.006	--	--	--	<.0020	<.004	--	<.049	<.04	<.03
JUL 18...	<.005	<.08	<.009	<.006	--	--	--	<.0020	<.004	--	<.049	<.04	<.03
AUG 23...	<.5	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	<.005	<.08	<.009	<.006	--	--	--	<.002	<.004	--	<.049	<.04	<.03
Date	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Hexa- zinone, water, fltrd, ug/L (04025)	lpro- dione, water, fltrd, ug/L (61593)	Isofen- phos, water, fltrd, ug/L (61594)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)
NOV 02...	<.029	<.013	<.024	<.016	<.003	--	--	--	<.004	<.035	--	<.027	--
JUN 07...	E.006	E.006	E.006	E.008	<.003	<.013	<.538	<.003	--	--	<.030	<.027	<.005
JUL 18...	E.005	E.006	E.007	E.007	<.003	<.013	<.538	<.003	--	--	<.030	E.022	<.005
AUG 23...	--	--	--	--	--	--	--	--	--	--	--	--	--
SEP 13...	E.014	<.013	<.024	<.016	<.003	.016	<.538	<.003	--	--	<.030	<.027	<.005
Date	Methi- althion water, fltrd, ug/L (61598)	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Myclo- butanil water, fltrd, ug/L (61599)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)
NOV 02...	--	--	<.015	<.006	<.006	<.003	--	<.007	<.003	<.010	<.004	<.022	--
JUN 07...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	E.011	<.10
JUL 18...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	<.022	<.10
AUG 23...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
SEP 13...	<.006	<.03	<.015	<.006	<.006	--	<.008	--	--	--	--	<.022	<.10

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457510 FIVEMILE CREEK AT LEWISBURG, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Phorate water ftrd 0.7u GF ug/L (82664)	Phosmet oxon, water, ftrd, ug/L (61668)	Phosmet water, ftrd, ug/L (61601)	Prometon, water, ftrd, ug/L (04037)	Prometryn, water, ftrd, ug/L (04036)	Propy- zamide, water, ftrd 0.7u GF ug/L (82676)	Propa- chlor, water, ftrd, ug/L (04024)	Pro- panil, water, ftrd 0.7u GF ug/L (82679)	Propar- gite, water, ftrd 0.7u GF ug/L (82685)	Sima- zine, water, ftrd, ug/L (04035)	Tebu- thiuron water ftrd 0.7u GF ug/L (82670)	Terba- cil, water, ftrd 0.7u GF ug/L (82665)	Ter- bufos oxon sulfone water, ftrd, ug/L (61674)
NOV 02...	<.011	--	--	<.01	--	<.004	<.025	<.011	<.02	.019	.02	<.034	--
JUN 07...	<.011	--	--	.01	.026	<.004	--	--	--	.015	.83	--	<.07
JUL 18...	<.011	<.05	<.008	.01	.006	<.004	--	--	--	.015	.09	--	<.07
AUG 23...	--	--	--	<.5	--	--	--	--	--	--	--	--	--
SEP 13...	<.011	<.05	<.008	.01	.008	<.004	--	--	--	.013	.03	--	<.07
Date													
			Terbu- fos, water, ftrd 0.7u GF ug/L (82675)	Ter- buthyl- azine, water, ftrd, ug/L (04022)	Thio- bencarb water ftrd 0.7u GF ug/L (82681)	Tri- allate, water, ftrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, ftrd 0.7u GF ug/L (82661)	Di- chlor- vos, water ftrd, ug/L (38775)					
NOV 02...			<.02	--	<.010	<.006	<.009	--					
JUN 07...			<.02	<.01	--	--	E.004	<.01					
JUL 18...			<.02	<.01	--	--	<.009	<.01					
AUG 23...			--	--	--	--	--	--					
SEP 13...			<.02	<.01	--	--	<.009	<.01					

SEMIVOLATILE COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	1,2-Di- phenyl- hydra- zine, water, unftrd ug/L (82626)	2,4,6- Tri- chloro- phenol, water, unftrd ug/L (34621)	2,4-Di- chloro- phenol, water, unftrd ug/L (34601)	2,4-Di- methyl- phenol, water, unftrd ug/L (34606)	2,4-Di- nitro- phenol, water, unftrd ug/L (34616)	2,4-Di- nitro- toluene water unftrd ug/L (34611)	2,6-Di- nitro- toluene water unftrd ug/L (34626)	2- Chloro- naphth- alene, water, unftrd ug/L (34581)	2- chloro- phenol, water, unftrd ug/L (34586)	2- Methyl- 4,6-di- nitro- phenol, wat unf ug/L (34657)	2- nitro- phenol, water unftrd ug/L (34591)	3,3'-Di chloro- benzi- dine, water, unftrd ug/L (34631)	4- Bromo- phenyl ether, wat unf ug/L (34636)
SEP 13...	<2.2	<1.4	<2.5	E.04	<3.3	<1.4	<2.3	<1.0	<1	<1.8	<1.4	<.9	<2.1
Date	4- Chloro- 3- methyl- phenol, wat unf ug/L (34452)	4- Chloro- phenyl ether, wat unf ug/L (34641)	4- Nitro- phenol, water, unftrd ug/L (34646)	9H- Fluore- ne, water, unftrd ug/L (34381)	Ace- naphth- ene, water, unftrd ug/L (34205)	Ace- naphth- ylene, water, unftrd ug/L (34200)	Anthra- cene, water, unftrd ug/L (34220)	Benzi- dine, water, unftrd ug/L (39120)	Benzo- [a]- anthra- cene, water, unftrd ug/L (34526)	Benzo- [a]- pyrene, water, unftrd ug/L (34247)	Benzo- [b]- fluor- anthene water unftrd ug/L (34230)	Benzo- [ghi]- per- ylene, water, unftrd ug/L (34521)	Benzo- [k]- fluor- anthene water unftrd ug/L (34242)
SEP 13...	<1.6	<1.2	<2.4	E.03	E.04	E.03	<2	<1000	<1.6	<1.3	<1.9	<1.6	<1.4
Date	Benzy- n-butyl phthal- ate, water, unftrd ug/L (34292)	Bis(2- chloro- ethoxy) methane water unftrd ug/L (34278)	Bis(2- chloro- ethyl) ether, water, unftrd ug/L (34273)	Bis(2- chloro- iso- propyl) ether, wat unf ug/L (34283)	Bis(2- ethyl- hexyl) phthal- ate, wat unf ug/L (39100)	Chrys- ene, water, unftrd ug/L (34320)	Di- benzo- [a,h]- anthra- cene, wat unf ug/L (34556)	Di- ethyl phthal- ate, water, unftrd ug/L (34336)	Di- methyl phthal- ate, water, unftrd ug/L (34341)	Di-n- butyl phthal- ate, water, unftrd ug/L (39110)	Di-n- octyl phthal- ate, water, unftrd ug/L (34596)	Fluor- anthene water unftrd ug/L (34376)	Hexa- chloro- benzene water unftrd ug/L (39700)
SEP 13...	<1.8	<1.0	E.007	<1.0	<1.8	<1.2	<2.2	<1.6	<1.0	<1.7	<2.3	E.05	<1.0

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457510 FIVEMILE CREEK AT LEWISBURG, AL--Continued

SEMIVOLATILE COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Hexa- chloro- cyclo- penta- diene, wat unf ug/L (34386)	Indeno- [1,2,- 3-cd]- pyrene, water, unfltrd ug/L (34403)	Iso- phorone water unfltrd ug/L (34408)	Nitro- benzene water unfltrd ug/L (34447)	N- Nitroso- di- methyl- amine, wat unf ug/L (34438)	N- Nitroso- di-n- propyl- amine, wat unf ug/L (34428)	N- Nitroso- di- phenyl- amine, wat unf ug/L (34433)	Penta- chloro- phenol, water, unfltrd ug/L (39032)	Phenan- threne, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pyrene, water, unfltrd ug/L (34469)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)	1,2-Di- chloro- benzene water unfltrd ug/L (34536)
SEP 13...	<1.2	<1.8	<2.2	E.02	<1.6	<1.6	<1.9	<1.8	E.03	<1.6	E.04	<1.2	<1.5
Date					1,3-Di- chloro- benzene water unfltrd ug/L (34566)	1,4-Di- chloro- benzene water unfltrd ug/L (34571)	Hexa- chloro- buta- diene, water, unfltrd ug/L (39702)	Hexa- chloro- ethane, water, unfltrd ug/L (34396)	Naphth- alene, water, unfltrd ug/L (34696)				
SEP 13...					<1.2	<1.4	<1.2	<1.6	E.10				

FECAL INDICATOR BACTERIA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coli- form, M-FC 0.7u MF col/ 100 mL (31625)
JUN										
02...	1050	--	8.5	93	7.9	421	19.8	--	E190	510
15...	1120	--	9.6	118	8.0	485	25.3	--	E20	E40
29...	1045	--	--	--	--	--	--	--	320	--
AUG										
03...	1150	--	11.4	146	8.4	474	27.6	80	--	--
15...	1115	--	9.2	115	8.0	537	26.9	35	--	--
SEP										
02...	1145	E1.6	9.1	110	8.2	536	24.8	E15	--	--
28...	1550	E2.3	8.4	105	7.9	533	26.5	56	--	--

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457599 FIVEMILE CREEK AT REPUBLIC, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	E coli, m-TEC MF, water, col/ 100 mL (31633)
NOV 02...	1715	21.9	--	756	46	487	537	8.5	97	7.9	8.0	158	260
DEC 07...	0900	16.2	19.6	755	--	332	288	9.4	96	6.4	7.9	89	E9000
Date	Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Iron, water, fltrd, ug/L (01046)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Silica, water, fltrd, mg/L (00955)	Sodium, water, fltrd, mg/L (00930)	Sodium adsorption ratio (00931)	Sodium, percent (00932)
NOV 02...	340	180	20	44.4	22.0	.6	32	16.2	5.07	8.78	44.5	1	34
DEC 07...	E9400	120	27	27.9	6.17	.2	51	11.2	3.15	7.92	16.1	.6	23
Date	Sulfate water, fltrd, mg/L (00945)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)	Molybdenum, water, fltrd, ug/L (01060)
NOV 02...	77.0	18	.21	E2	54	<.06	E.03	E.4	.270	2.0	E.07	16.3	2.5
DEC 07...	54.0	21	E.20	<2	32	<.06	<.04	<.8	.315	1.2	.14	39.8	.9
Date	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Uranium natural water, fltrd, ug/L (22703)	Zinc, water, fltrd, ug/L (01090)	Residue total at 105 deg. C, suspended, mg/L (00530)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/d (70302)	Residue water, fltrd, tons/ acre-ft (70303)			
NOV 02...	1.05	E2	<.2	.50	7.6	<10	338	314	42.1	.46			
DEC 07...	2.04	<3	<.2	.31	1.5	647	188	180	--	.26			

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)
NOV 02...	1715	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0
DEC 07...	0900	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457599 FIVEMILE CREEK AT REPUBLIC, AL--Continued

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bisphenol A, water, fltrd, ug/L (62069)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbazole, water, fltrd, ug/L (62071)
NOV 02...	<.5	<.5	E.24	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
DEC 07...	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
Date	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Di-ethoxynonylphenol, water, fltrd, ug/L (62083)	Di-ethoxyoctylphenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd, ug/L (61706)	Fluoranthene, water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone, water, fltrd, ug/L (34409)	Iso-propylbenzene, water, fltrd, ug/L (62078)
NOV 02...	<2.0	<1.0	<.5	E2.7	<1.0	<.5	<1.0	<.5	E.07	<.5	<.5	<.5	<.5
DEC 07...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
Date	Isoquinoline, water, fltrd, ug/L (62079)	Menthol, water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Pentachlorophenol, water, fltrd, ug/L (34459)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane, water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)
NOV 02...	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	E.38	<.5	<.5	<.5	<.5
DEC 07...	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5
Date			Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate, water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)					
NOV 02...			<1.0	<.5	<.5	<.5	<.5	<.5					
DEC 07...			<1.0	<.5	<.5	<.5	<.5	<.5					

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	2,6-Diethyl-aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)	Alachlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atrazine, water, fltrd, ug/L (39632)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-fluralin, water, fltrd 0.7u GF ug/L (82673)	Butylate, water, fltrd, ug/L (04028)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbofuran, water, fltrd 0.7u GF ug/L (82674)	Chlorpyrifos, water, fltrd, ug/L (38933)	cis-Permethrin water fltrd 0.7u GF ug/L (82687)
NOV 02...	<.006	E.003	<.006	<.005	<.005	.013	<.050	<.010	<.004	<.041	<.020	<.005	<.006
DEC 07...	<.006	E.004	<.006	<.005	<.005	.058	<.050	<.010	<.004	E.064	<.020	<.005	<.006

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457599 FIVEMILE CREEK AT REPUBLIC, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)
NOV 02...	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013	<.024	<.016
DEC 07...	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013	<.024	<.016
Date	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)
NOV 02...	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010	<.004	<.022
DEC 07...	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010	<.004	<.022
Date	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)
NOV 02...	<.011	<.01	<.004	<.025	<.011	<.02	.037	<.02	<.034	<.02	<.010	<.006	<.009
DEC 07...	<.011	<.01	<.004	<.025	<.011	<.02	.087	E.02	<.034	<.02	<.010	<.006	<.009

FECAL INDICATOR BACTERIA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Turb- idity, IR LED light, det ang 90 deg, FNU (63680)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	E coli, modif. m-TEC, water, col/ 100 mL (90902)	E coli, m-TEC MF, water, col/ 100 mL (31633)	Fecal coli- form, M-FC 0.7u MF col/ 100 mL (31625)
JUN 15...	1205	--	8.9	106	7.8	500	23.9	--	E30	E71
29...	1150	--	--	--	--	--	--	--	E1000	--
AUG 03...	1345	--	11.1	136	8.2	534	25.8	110	--	--
15...	1315	--	8.6	108	8.1	554	26.6	53	--	--
23...	1015	2.8	7.8	95	8.1	580	25.6	57	--	--
SEP 01...	1710	--	--	--	--	--	--	82	--	--
12...	1415	E1.8	10.1	119	7.9	581	24.0	64	--	--
28...	1315	--	8.5	101	7.6	534	24.2	95	--	--

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457625 FIVEMILE CREEK AT BROOKSIDE, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Specific conductance, wat unf lab, uS/cm 25 degC (90095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unftrd field, std units (00400)	pH, water, unftrd lab, std units (00403)	Alkalinity, wat ftd end lab, mg/L as CaCO3 (29801)	E coli, m-TEC MF, water, col/100 mL (31633)	Fecal coliform, M-FC 0.7u MF col/100 mL (31625)
NOV 02...	1430	22.1	756	51	483	543	8.9	103	8.1	8.0	142	1400	1700
DEC 06...	1515	14.3	758	243	431	397	9.8	96	6.6	E7.8	134	290	420
Date	Total nitrogen, water, unftrd mg/L (00600)	Total nitrogen, water, ftrd, mg/L (00602)	Ammonia water, ftrd, mg/L as N (00608)	Ammonia water, ftrd, mg/L (71846)	Nitrite water, ftrd, mg/L as N (00613)	Nitrate water, ftrd, mg/L as N (00618)	Ammonia + org-N, water, ftrd, mg/L as N (00623)	Ammonia + org-N, water, unftrd mg/L as N (00625)	Organic nitrogen, water, ftrd, mg/L (00607)	Organic nitrogen, water, unftrd mg/L (00605)	Nitrite + nitrate water ftrd, mg/L as N (00631)	Nitrate water, ftrd, mg/L (71851)	Nitrite water, ftrd, mg/L (71856)
NOV 02...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 06...	1.8	1.7	.04	.05	.038	1.55	.17	.25	.12	.20	1.58	6.84	.125
Date	Phosphorus, water, unftrd mg/L (00665)	Phosphorus, water, ftrd, mg/L (00666)	Orthophosphate, water, ftrd, mg/L as P (00671)	Orthophosphate, water, ftrd, mg/L (00660)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat ftd lab, mg/L as CaCO3 (00905)	Calcium water, ftrd, mg/L (00915)	Chloride, water, ftrd, mg/L (00940)	Fluoride, water, ftrd, mg/L (00950)	Iron, water, ftrd, ug/L (01046)	Magnesium, water, ftrd, mg/L (00925)	Potassium, water, ftrd, mg/L (00935)	Silica, water, ftrd, mg/L (00955)
NOV 02...	--	--	--	--	180	37	45.1	18.7	.5	30	16.0	5.05	8.26
DEC 06...	.085	.065	.05	.166	170	40	41.9	7.94	.3	20	16.9	3.53	10.5
Date	Sodium, water, ftrd, mg/L (00930)	Sodium adsorption ratio (00931)	Sodium, percent (00932)	Sulfate water, ftrd, mg/L (00945)	Aluminum, water, ftrd, ug/L (01106)	Antimony, water, ftrd, ug/L (01095)	Arsenic water, ftrd, ug/L (01000)	Barium, water, ftrd, ug/L (01005)	Beryllium, water, ftrd, ug/L (01010)	Cadmium, water, ftrd, ug/L (01025)	Chromium, water, ftrd, ug/L (01030)	Cobalt, water, ftrd, ug/L (01035)	Copper, water, ftrd, ug/L (01040)
NOV 02...	46.1	2	35	94.1	14	.21	E2	57	<.06	E.03	<.8	.304	1.7
DEC 06...	24.7	.8	23	72.0	16	E.17	<2	43	<.06	<.04	E.4	.566	1.1
Date	Lead, water, ftrd, ug/L (01049)	Manganese, water, ftrd, ug/L (01056)	Molybdenum, water, ftrd, ug/L (01060)	Nickel, water, ftrd, ug/L (01065)	Selenium, water, ftrd, ug/L (01145)	Silver, water, ftrd, ug/L (01075)	Uranium natural water, ftrd, ug/L (22703)	Zinc, water, ftrd, ug/L (01090)	Residue total at 105 deg. C, suspended, mg/L (00530)	Residue on evap. at 180degC wat ftd mg/L (70300)	Residue water, ftrd, sum of constituents mg/L (70301)	Residue water, ftrd, tons/d (70302)	Residue water, ftrd, tons/ acre-ft (70303)
NOV 02...	E.05	16.3	2.4	.96	E2	<.2	.44	4.1	<10	334	319	46.3	.45
DEC 06...	<.08	59.5	1.2	3.16	<3	<.2	.44	3.3	<10	261	265	171	.35

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457625 FIVEMILE CREEK AT BROOKSIDE, AL--Continued

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	
NOV 02...	1430	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
DEC 06...	1515	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
Date		9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-standol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carba-zole, water, fltrd, ug/L (62071)
NOV 02...	<.5	<.5	<.5	E.11	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
DEC 06...	<.5	<.5	<.5	E.09	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	E.14	<.5	<.5
Date		Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd, ug/L (61705)	D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd, ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)
NOV 02...	<2.0	<1.0	<.5	<.5	E2.7	<1.0	<.5	<1.0	<.5	E.04	<.5	<.5	<.5	<.5
DEC 06...	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	E.02	<.5	<.5	<.5	<.5
Date		Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)
NOV 02...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5
DEC 06...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5
Date			Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)						
NOV 02...			<1.0	<.5	<.5	<.5	<.5	<.5						
DEC 06...			<1.0	<.5	<.5	<.5	<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02457625 FIVEMILE CREEK AT BROOKSIDE, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	2,6-Diethyl-aniline water fltrd 0.7u GF (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl, water, fltrd 0.7u GF (82686)	Ben-flur-alin, water, fltrd 0.7u GF (82673)	Butyl-ate, water, fltrd, ug/L (04028)	baryl, water, fltrd 0.7u GF (82680)	Car-furan, water, fltrd 0.7u GF (82674)	Carbo-Chlor-pyrifos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF (82687)
NOV 02...	<.006	<.006	<.006	<.005	<.005	.013	<.050	<.010	<.004	<.041	<.020	<.005	<.006
DEC 06...	<.006	<.006	<.006	<.005	<.005	.028	<.050	<.010	<.004	<.041	<.020	<.005	<.006
Date	Cyana-zine, water, fltrd, ug/L (04041)	DCPA, water, fltrd, ug/L (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	Diel-drin, water, fltrd, ug/L (39381)	Disul-foton, water, fltrd 0.7u GF (82677)	EPTC, water, fltrd 0.7u GF (82668)	Ethal-flur-alin, water, fltrd 0.7u GF (82663)	Etho-prop, water, fltrd 0.7u GF (82672)	Desulf-inyl fipro-nil amide, wat fit ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)
NOV 02...	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013	<.024	<.016
DEC 06...	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013	<.024	<.016
Date	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water, fltrd, ug/L (82666)	Mala-thion, water, fltrd, ug/L (39532)	Methyl para-thion, water, fltrd, ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Moli-nate, water, fltrd 0.7u GF (82671)	Naprop-amide, water, fltrd 0.7u GF (82684)	p,p'-DDE, water, fltrd, ug/L (34653)	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd, ug/L (82669)	Pendi-meth-alin, water, fltrd, ug/L (82683)
NOV 02...	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010	<.004	<.022
DEC 06...	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010	<.004	<.022
Date	Phorate water, fltrd, ug/L (82664)	Prome-ton, water, fltrd, ug/L (04037)	Propy-zamide, water, fltrd, ug/L (82676)	Pro-pa-chlor, water, fltrd, ug/L (04024)	Pro-panil, water, fltrd, ug/L (82679)	Pro-par-gite, water, fltrd, ug/L (82685)	Sima-zine, water, fltrd, ug/L (04035)	Tebu-thiuron water, fltrd 0.7u GF (82670)	Terba-cil, water, fltrd 0.7u GF (82665)	Terbu-fos, water, fltrd 0.7u GF (82675)	Thio-bencarb water, fltrd 0.7u GF (82681)	Tri-allate, water, fltrd, ug/L (82678)	Tri-flur-alin, water, fltrd, ug/L (82661)
NOV 02...	<.011	<.01	<.004	<.025	<.011	<.02	.034	.02	<.034	<.02	<.010	<.006	<.009
DEC 06...	<.011	<.01	<.004	<.025	<.011	<.02	.033	E.02	<.034	<.02	<.010	<.006	<.009

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED WATER-QUALITY PARTIAL RECORD STATIONS

02457700 FIVEMILE CREEK AT LINN CROSSING, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Instantaneous discharge, cfs (00061)	Specific conductance, wat unf uS/cm 25 degC (00095)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	E coli, m-TEC MF, water, col/ 100 mL (31633)	
DEC 06...	1230	13.5	14.7	758	307	421	388	10.6	101	7.5	8.0	110	140	
Date		Fecal coliform, M-FC 0.7u MF col/ 100 mL (31625)	Total nitrogen, water, unfltrd mg/L (00600)	Total nitrogen, water, fltrd, mg/L (00602)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite water, fltrd, mg/L as N (00613)	Nitrate water, fltrd, mg/L as N (00618)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrate water, fltrd, mg/L (71851)	Nitrite water, fltrd, mg/L (71856)	Phosphorus, water, unfltrd mg/L (00665)	Phosphorus, water, fltrd, mg/L (00666)
DEC 06...	300	1.6	1.6	E.03	.031	1.44	.14	.17	1.48	6.39	.102	.078	.044	
Date		Orthophosphate, water, fltrd, mg/L as P (00671)	Orthophosphate, water, fltrd, mg/L (00660)	Hardness, water, mg/L as CaCO3 (00900)	Noncarb hardness, wat flt lab, mg/L as CaCO3 (00905)	Calcium water, fltrd, mg/L (00915)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Iron, water, fltrd, ug/L (01046)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Silica, water, fltrd, mg/L (00955)	Sodium, water, fltrd, mg/L (00930)	Sodium adsorption ratio (00931)
DEC 06...	.04	.113	160	55	37.5	7.14	.2	6	17.2	3.08	11.9	22.7	.8	
Date		Sodium, percent (00932)	Sulfate water, fltrd, mg/L (00945)	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Lead, water, fltrd, ug/L (01049)	Manganese, water, fltrd, ug/L (01056)
DEC 06...	23	89.4	78	E.13	<2	40	<.06	E.03	<.8	1.53	1.2	<.08	108	
Date		Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Uranium natural water, fltrd, ug/L (22703)	Zinc, water, fltrd, ug/L (01090)	Residue total at 105 deg. C, suspended, mg/L (00530)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue water, fltrd, tons/d (70302)	Residue water, fltrd, tons/ acre-ft (70303)		
DEC 06...	.9	5.69	<3	<.2	.37	5.2	15	264	262	218	.36			

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat fit ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat fit ug/L (62063)
DEC 06...	1230	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED WATER-QUALITY PARTIAL RECORD STATIONS

02457700 FIVEMILE CREEK AT LINN CROSSING, AL--Continued

ORGANIC COMPOUNDS, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-sterol, water, fltrd, ug/L (62086)	Bisphe-nol A, water, fltrd, ug/L (62069)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carba-zole, water, fltrd, ug/L (62071)
DEC 06...	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<1.0	<.5	<.5	<.5	<.5
Date	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd, ug/L (61705)	D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd, ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)
DEC 06...	<2.0	<1.0	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5
Date	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Penta-chloro-phenol, water, fltrd, ug/L (34459)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)
DEC 06...	<.5	<.5	<.5	<.5	<.5	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5
Date			Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)					
DEC 06...			<1.0	<.5	<.5	<.5	<.5	<.5					

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	2,6-Di-ethyl-aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor, water, fltrd, ug/L (46342)	alpha-HCH, water, fltrd, ug/L (34253)	Atra-zine, water, fltrd, ug/L (39632)	Azin-phos-methyl, water, fltrd 0.7u GF ug/L (82686)	Ben-flur-alin, water, fltrd 0.7u GF ug/L (82673)	Butyl-ate, water, fltrd, ug/L (04028)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo-furan, water, fltrd 0.7u GF ug/L (82674)	Chlor-pyri-fos water, fltrd, ug/L (38933)	cis-Per-methrin water fltrd 0.7u GF ug/L (82687)
DEC 06...	<.006	<.006	<.006	<.005	<.005	.012	<.050	<.010	<.004	<.041	<.020	<.005	<.006
Date	Cyana-zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF (82682)	Desulf-inyl fipro-nil, water, fltrd, ug/L (62170)	Diazi-non, water, fltrd, ug/L (39572)	Diel-drin, water, fltrd, ug/L (39381)	Disul-foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal-flur-alin, water, fltrd 0.7u GF ug/L (82663)	Etho-prop, water, fltrd 0.7u GF ug/L (82672)	Desulf-inyl fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)	Fipro-nil, water, fltrd, ug/L (62166)
DEC 06...	<.018	<.003	<.012	<.005	<.009	<.02	<.004	<.009	<.005	<.029	<.013	<.024	<.016

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED WATER-QUALITY PARTIAL RECORD STATIONS

02457700 FIVEMILE CREEK AT LINN CROSSING, AL--Continued

PESTICIDE ANALYSES, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- thion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)
DEC 06...	<.003	<.004	<.035	<.027	<.015	<.006	<.006	<.003	<.007	<.003	<.010	<.004	<.022
Date	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Propy- zamide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)
DEC 06...	<.011	<.01	<.004	<.025	<.011	<.02	.023	E.01	<.034	<.02	<.010	<.006	<.009

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02463805 UNNAMED TRIBUTARY TO CEDAR CREEK AT BERRY, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	
SEP 22...	0950	22.8	757	138	<.5	<.5	<.5	<.5	<2.0	E.01	<5.0	<1.0	<1.0	
Date		4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)
SEP 22...	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	E.01	<2.0	<2.0	<.5	<.5	
Date		Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)
SEP 22...	E.02	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	E.01	<1.0	<.5
Date		HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- olene, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)
SEP 22...	<.5	<.5	<.5	<.5	E.02	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.02	<.5
Date		Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phosphate, water, fltrd, ug/L (62089)	Tri- clo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)	
SEP 22...	E.09	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02463810 CEDAR CREEK BELOW BERRY, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene water, fltrd, ug/L (62055)	2-Methylnaphthalene water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	
SEP 22...	1010	23.4	757	48	<.5	<.5	<.5	<.5	E.4	<1.0	<5.0	<1.0	<1.0	
Date		4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)
SEP 22...	<5.0	<1.0	<2.0	<.5	<.5	E.01	<.5	<.5	E.02	<2.0	<2.0	<.5	E.18	
Date		Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fluoranthene water, fltrd, ug/L (34377)
SEP 22...	E.01	<1.0	<.5	<.5	<.5	<2.0	<1.0	E.17	<.5	<5.0	<1.0	<.5	<1.0	<.5
Date		HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenanthrene, water, fltrd, ug/L (34462)
SEP 22...	<.5	<.5	<.5	E.02	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.01	<.5
Date		Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)	
SEP 22...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	E.14	<.5	E.05	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02463836 FREEMAN CREEK NEAR NEW LEXINGTON, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	
SEP 21...	1510	<.5	<.5	<.5	<.5	<2.0	E.1	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
Date		9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-sterol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)
SEP 21...	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	E.12	<1.0	<.5
Date		Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi-non, water, fltrd, ug/L (39572)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd, ug/L (61705)	D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd, ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)
SEP 21...	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	E.02	<.5
Date		Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)	Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.02	E.05	<.5	E.16	<.5	<.5
Date		Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)				
SEP 21...	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5				

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02463837 BOONE CREEK NEAR NEW LEXINGTON, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER

Date	Time	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hy-droxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	
SEP 21...	1530	<.5	<.5	<.5	<.5	E.2	E.02	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	
Date		9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)	beta-Stigma-sterol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	E.02	<1.0	<.5
Date		Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi-non, water, fltrd, ug/L (39572)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)	D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)
SEP 21...	<.5	E.6	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5	<.5
Date		Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)	Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)
SEP 21...	E.009	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	E.31	<.5	<.5
Date		Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)	Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)				
SEP 21...		<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5				

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02463990 TRIBUTARY TO NORTH RIVER AT OLD JASPER ROAD NEAR SAMANTHA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	
SEP 21...	1400	23.9	41	<.5	<.5	<.5	<.5	<2.0	E.02	<5.0	<1.0	<1.0	<5.0	
Date		4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	phenone water, fltrd, ug/L (62064)	Aceto- AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
SEP 21...	<1.0	<2.0	<.5	E.10	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	E.01
Date		Car- baryl, water, fltrd 0.7u GF ug/L 82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)
SEP 21...	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5	<.5
Date		Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- olene, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
SEP 21...	<.5	<.5	E.008	E.02	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	E.17
Date		Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phosphate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phosphate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phosphate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phosphate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phosphate, wat flt ug/L (62088)		
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02464000 NORTH RIVER NEAR SAMANTHA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conductance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	
SEP 21...	1415	26.3	69	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	
Date		4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
SEP 21...	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	E.01
Date		Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)
SEP 21...	<1.0	<.5	<.5	<.5	<2.0	<1.0	E.05	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5
Date		Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
SEP 21...	<.5	<.5	E.01	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	E.14
Date		Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)		
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02464050 NORTH RIVER AT HAGLER ROAD NEAR SAMANTHA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conductance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	4-Octyl- phenol, water, fltrd, ug/L (62061)	4-Nonyl- phenol, water, fltrd, ug/L (62085)	
SEP 21...	1340	28.3	173	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	
Date		4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
SEP 21...	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	E.009
Date		Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)
SEP 21...	<1.0	<.5	<.5	<.5	<2.0	<1.0	E.07	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5
Date		Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
SEP 21...	<.5	<.5	<.5	E.006	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	E.22
Date		Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)		
SEP 21...	<.5	<.5	E.005	<.5	<.5	<.5	E.2	<.5	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02464319 BARBEE CREEK BELOW SAMANTHA, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conductance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	
SEP 21...	1440	25.0	97	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	
Date		4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
SEP 21...	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	<.5
Date		Car- baryl, water, fltrd, ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)
SEP 21...	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5
Date		Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
SEP 21...	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5
Date		Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt ug/L (62088)		
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02464655 CARROLL CREEK AT US HIGHWAY 43 NEAR NORTHPORT, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conductance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	
SEP 20...	1000	23.0	59	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	
Date		4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
SEP 20...	<1.0	<2.0	<.5	E.12	<.5	<.5	<.5	<.5	<.5	E1.6	<2.0	<.5	<.5	<.5
Date		Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)
SEP 20...	<1.0	<.5	<.5	E1.4	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5
Date		Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5
Date		Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)		
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02464658 TRIBUTARY TO CARROLL CREEK AT MITT LARY ROAD NEAR NORTHPORT, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	4-Octyl- phenol, water, fltrd, ug/L (62061)	4-Nonyl- phenol, water, fltrd, ug/L (62085)	
SEP 20...	0935	19.5	81	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	<5.0	
Date		4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta-Sito- sterol, water, fltrd, ug/L (62068)	beta-Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)
SEP 20...	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	<.5	<.5
Date		Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)
SEP 20...	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	<.5	<.5
Date		Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quino- line, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.1	<.5	<.5
Date		Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt ug/L (62088)		
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

02464660 CARROLL CREEK AT STATE HIGHWAY 69 NEAR NORTHPORT, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

[illegible]

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331609087305201 GSA LAKE TUSCALOOSA SITE 36, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, correctd FNRU (63681)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	
SEP 21...	1345	27.5	23	7.0	17	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxynonylphenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd, ug/L (61706)
SEP 21...	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	E.008	E.005	<.5	<.5	<.5	<.5	<.5	<.5	<1.0
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)	Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)
SEP 21...	<.5	E.20	<.5	<.5	<.5	E.007	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN
ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS
331611087305401 GSA LAKE TUSCALOOSA SITE 37, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrcd FNRU (63681)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1120	24.4	33.0	768	277	7.8	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sito-sterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta-Stigma-standol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi-non, water, fltrd, ug/L (39572)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0
Date		D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	E.01	<.5	<.5	<.5	<.5	<.5
Date		Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phos-phate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phos-phate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)
SEP 19...	<.5	<1.0	<.5	E.09	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331618087302401 GSA LAKE TUSCALOOSA SITE 43, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1145	24.6	33.0	767	30	7.5	17	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta-Stigmanol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0
Date		D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fluoranthene, water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol, water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	E.008	<.5	<.5	<.5	<.5	<.5
Date		Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)
SEP 19...	<.5	<1.0	<.5	E.10	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phosphate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331636087300001 GSA LAKE TUSCALOOSA SITE 45, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1210	24.3	35.0	767	116	7.4	1.0	<.5	<.5	<.5	<.5	E.6	<1.0	
Date		3-tert-Butyl-4-hydroxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	E.12	<.5	<.5	<.5	<.5	<.5	E1.2
Date		beta-Stigma-standol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi-non, water, fltrd, ug/L (39572)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	E.9	<1.0	<.5	<.5	<5.0	<1.0
Date		D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	E.02	<.5	<.5	<.5	<.5	<.5
Date		Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phos-phate, wat flt ug/L (62093)
SEP 19...	<.5	<1.0	<.5	E.16	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloro-ethyl) phos-phate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phos-phate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331640087311101 GSA LAKE TUSCALOOSA SITE 39, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta- Coprostanol, water, fltrd, ug/L (62057)	3-Methyl- 1H-indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hydroxy- anisole water fltr ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	1400	26.5	33	7.0	10	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl- phenol, water, fltrd, ug/L (62061)	4-Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Methyl- 1H-benzo- triazole, water fltr ug/L (62063)	9,10-Anthra- quinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7ug GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl- phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl- phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butylphosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltr ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltr ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltr ug/L (62088)
SEP 21...	<.5	E.18	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331642087310401 GSA LAKE TUSCALOOSA SITE 38, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrtcd FNRU (63681)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1040	23.9	32.0	768	166	6.0	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date	Time	3-tert-Butyl-4-hydroxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0
Date	Time	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	E.01	<.5	<5.0	<1.0
Date	Time	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)	Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Date	Time	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)
SEP 19...	<.5	E.02	<.5	E.09	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date	Time						Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phosphate, wat flt ug/L (62088)						
SEP 19...						<.5	<.5							

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331650087305801 GSA LAKE TUSCALOOSA SITE 42, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta- Coprostanol, water, fltrd, ug/L (62057)	3-Methyl- 1H-indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hydroxy- anisole water fltrd ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1220	26.3	158	7.3	20	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl- phenol, water, fltrd, ug/L (62061)	4-Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Methyl- 1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7ug GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.1
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butylphosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl)phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl)phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr)phosphate, water fltrd ug/L (62088)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331656087300001 GSA LAKE TUSCALOOSA SITE 47, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfiltrd field, std units (00400)	Turbidity IR LED light, def ang 90 deg, correctd FNRLU (63681)	1,4-Dichlorobenzene water, filtrd, ug/L (34572)	1-Methylnaphthalene, water, filtrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, filtrd, ug/L (62055)	2-Methylnaphthalene, water, filtrd, ug/L (62056)	3-beta-Coprostanol, water, filtrd, ug/L (62057)	3-Methyl-1H-indole, water, filtrd, ug/L (62058)	
SEP 19...	1225	24.2	30.0	767	277	8.0	4.0	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, filtrd, ug/L (62060)	4-Octylphenol, water, filtrd, ug/L (62061)	4-Nonylphenol, water, filtrd, ug/L (62085)	4-tert-Octylphenol, water, filtrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, filtrd, ug/L (62066)	Acetophenone water, filtrd, ug/L (62064)	AHTN, water, filtrd, ug/L (62065)	Anthracene, water, filtrd, ug/L (34221)	Benzo[a]pyrene, water, filtrd, ug/L (34248)	Benzo-phenone, water, filtrd, ug/L (62067)	beta-Sitosterol, water, filtrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.6
Date		beta-Stigmasterol, water, filtrd, ug/L (62086)	Bromacil, water, filtrd, ug/L (04029)	Caffeine, water, filtrd, ug/L (50305)	Camphor water, filtrd, ug/L (62070)	Carbaryl, water, filtrd 0.7u GF ug/L (82680)	Carbazole, water, filtrd, ug/L (62071)	Chlorpyrifos water, filtrd, ug/L (38933)	Cholesterol, water, filtrd, ug/L (62072)	Cotinine, water, filtrd, ug/L (62005)	DEET, water, filtrd, ug/L (62082)	Diazinon, water, filtrd, ug/L (39572)	Diethoxynonylphenol, water, filtrd, ug/L (62083)	Diethoxyoctylphenol, water, filtrd, ug/L (61705)
SEP 19...	E.8	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	E.8	<1.0	<.5	<.5	<5.0	<1.0
Date		D-Limonene, water, filtrd, ug/L (62073)	Ethoxyoctylphenol, water, filtrd ug/L (61706)	Fluoranthene, water, filtrd, ug/L (34377)	HHCB, water, filtrd, ug/L (62075)	Indole, water, filtrd, ug/L (62076)	Isoborneol, water, filtrd, ug/L (62077)	Iso-phorone, water, filtrd, ug/L (34409)	Iso-propylbenzene, water, filtrd, ug/L (62078)	Isoquinoline, water, filtrd, ug/L (62079)	Menthol, water, filtrd, ug/L (62080)	Metaxyl, water, filtrd, ug/L (50359)	Methylsalicylate, water, filtrd, ug/L (62081)	Metolachlor, water, filtrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	E.01	<.5	<.5	<.5	<.5	<.5
Date		Naphthalene, water, filtrd, ug/L (34443)	p-Cresol, water, filtrd, ug/L (62084)	Phenanthrene, water, filtrd, ug/L (34462)	Phenol, water, filtrd, ug/L (34466)	Prometon, water, filtrd, ug/L (04037)	Pyrene, water, filtrd, ug/L (34470)	Tetrachloroethene, water, filtrd, ug/L (34476)	Tri-bromomethane, water, filtrd, ug/L (34288)	Tri-butyl phosphate, water, filtrd, ug/L (62089)	Triclosan, water, filtrd, ug/L (62090)	Tri-ethyl citrate, water, filtrd, ug/L (62091)	Tri-phenyl phosphate, water, filtrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)
SEP 19...	<.5	E.04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN
ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS
331706087314501 GSA LAKE TUSCALOOSA SITE 56, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1520	24.7	32.0	766	23	7.3	10	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta-Stigma-stanol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi-non, water, fltrd, ug/L (39572)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0
Date		D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fluor-anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	E.006	E.03	<.5	<.5	<.5	<.5	<.5
Date		Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl) phosphate, wat flt ug/L (62093)
SEP 19...	<.5	<1.0	<.5	E.08	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloro-ethyl) phosphate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phosphate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331709087300401 GSA LAKE TUSCALOOSA SITE 50, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrcd FNRU (63681)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1238	24.0	31.0	767	86	6.8	11	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxyanisole wat flt ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, wat flt ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor, water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos, water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd, ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	E.9	<1.0	<.5	<.5	<5.0	E.06
Date		D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)	Fluoranthene, water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone, water, fltrd, ug/L (34409)	Iso-propylbenzene, water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol, water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	E.02	<.5	<.5	<.5	<.5	<.5
Date		Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane, water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate, water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)
SEP 19...	<.5	<1.0	<.5	E.18	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr) phosphate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN
ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS
331728087302401 GSA LAKE TUSCALOOSA SITE 51, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specif. conduc- tance, wat unf 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	
SEP 19...	1438	24.7	36.0	766	68	7.3	53	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sito- sterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	
Date		D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Date		Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phen- anthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)
SEP 19...	<.5	E.04	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331747087304501 GSA LAKE TUSCALOOSA SITE 55, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	1325	27.4	162	7.3	1.0	<.5	E.01	<.5	E.01	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta-Sitos- terol, water, fltrd, ug/L (62068)	beta-Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.03	E.06
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN
ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS
331805087304601 GSA LAKE TUSCALOOSA SITE 60, AL
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Dichlorobenzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Copros-tanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1430	26.6	36.0	766	162	7.8	22	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitos-terol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta-Stigma-stanol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)	Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	E.010	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0
Date		D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)	Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	E.008	E.03	<.5	<.5	<.5	<.5	<.5	<.5
Date		Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, wat flt ug/L (62093)
SEP 19...	<.5	E.03	<.5	E.11	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloroethyl) phosphate, wat flt ug/L (62087)	Tris(di chloro-i-Pr) phosphate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331805087334401 GSA LAKE TUSCALOOSA SITE 84, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 21...	1130	25.6	65	7.1	11	<.5	<.5	<.5	<.5	<2.0	E.01	<5.0	<1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	E.11	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.009	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	E.006	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.08
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltrd ug/L (62088)
SEP 21...	<.5	E.29	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331812087333301 GSA LAKE TUSCALOOSA SITE 80, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1355	25.0	55	7.0	31	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	E.07	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.04
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.14	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331818087305601 GSA LAKE TUSCALOOSA SITE 61, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)	Barometric pressure, mm Hg (00025)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrcd FNRU (63681)	1,4-Di-chloro-benzene water, fltrd, ug/L (34572)	1-Methyl-naphth-alene, water, fltrd, ug/L (62054)	2,6-Di-methyl-naphth-alene, water, fltrd, ug/L (62055)	2-Methyl-naphth-alene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	
SEP 19...	1445	25.1	---	766	311	7.7	32	<.5	<.5	<.5	<.5	<2.0	<1.0	
Date		3-tert-Butyl-4-hydroxy-anisole wat flt ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Meth-yl-1H-benzo-tri-azole, wat flt ug/L (62063)	9,10-Anthra-quinone water, fltrd, ug/L (62066)	Aceto-phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra-cene, water, fltrd, ug/L (34221)	Benzo-[a]-pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sito-sterol, water, fltrd, ug/L (62068)
SEP 19...	<5.0	<1.0	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0
Date		beta-Stigma-sterol, water, fltrd, ug/L (62086)	Broma-cil, water, fltrd, ug/L (04029)	Caf-feine, water, fltrd, ug/L (50305)	Camphor, water, fltrd, ug/L (62070)	Car-baryl, water, fltrd 0.7u GF ug/L (82680)	Carba-zole, water, fltrd, ug/L (62071)	Chlor-pyrifos water, fltrd, ug/L (38933)	Choles-terol, water, fltrd, ug/L (62072)	Cot-inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi-non, water, fltrd, ug/L (39572)	Di-ethoxy-nonyl-phenol, water, fltrd, ug/L (62083)	Di-ethoxy-octyl-phenol, water, fltrd ug/L (61705)
SEP 19...	<2.0	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0
Date		D-Limo-nene, water, fltrd, ug/L (62073)	Ethoxy-octyl-phenol, water, fltrd ug/L (61706)	Fluor-anthene, water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor-neol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propyl-benzene water, fltrd, ug/L (62078)	Iso-quin-oline, water, fltrd, ug/L (62079)	Menthol, water, fltrd, ug/L (62080)	Meta-laxyl, water, fltrd, ug/L (50359)	Methyl salicy-late, water, fltrd, ug/L (62081)	Metola-chlor, water, fltrd, ug/L (39415)
SEP 19...	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	<.5	E.02	<.5	<.5	<.5	<.5	<.5
Date		Naphth-alene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)	Phenan-threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome-ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra-chloro-ethene, water, fltrd, ug/L (34476)	Tri-bromo-methane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclo-san, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxy-ethyl)phos-phate, wat flt ug/L (62093)
SEP 19...	<.5	E.03	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5
Date							Tris(2-chloro-ethyl)phos-phate, wat flt ug/L (62087)	Tris(di-chloro-i-Pr)phos-phate, wat flt ug/L (62088)						
SEP 19...							<.5	<.5						

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331840087303801 GSA LAKE TUSCALOOSA SITE 66, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1300	24.0	196	7.8	62	<.5	<.5	<.5	<.5	<2.0	E.01	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.12	<.5	<.5	<.5	E.01	<2.0	<2.0	<.5	
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	E.07	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	E.01	E.02	<.5	<.5	<.5	E.007	<.5	<.5	E.03	
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331841087330101 GSA LAKE TUSCALOOSA SITE 77, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	
SEP 20...	1320	25.4	13	7.1	8.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.13	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltrd ug/L (62088)
SEP 20...	<.5	E.32	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331858087333501 GSA LAKE TUSCALOOSA SITE 86, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1335	26.8	23	7.0	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	E.06	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.27	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331914087304101 GSA LAKE TUSCALOOSA SITE 64, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdy IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1245	24.9	21	7.4	23	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta-Sito- sterol, water, fltrd, ug/L (62068)	beta-Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...		<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd, ug/L (61705)	E D-Limo- nene, water, fltrd, ug/L (62073)	thoxy- octyl- phenol, water, fltrd, ug/L (61706)
SEP 20...		<.5	E.004	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...		<.5	<.5	<.5	<.5	E.005	E.008	<.5	<.5	<.5	<.5	<.5	<.5	E.02
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...		<.5	E.09	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331920087315301 GSA LAKE TUSCALOOSA SITE 93, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	0840	25.7	124	7.6	32	<.5	<.5	<.5	<.5	<2.0	E.008	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.02	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.01	<.5	E.03
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 21...	<.5	E.36	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331930087312501 GSA LAKE TUSCALOOSA SITE 95, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 21...	0855	22.5	17	7.5	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...		<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 21...		<.5	E.006	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...		<.5	<.5	<.5	<.5	E.006	E.01	<.5	<.5	<.5	<.5	<.5	<.5	E.02
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl)phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl)phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr)phosphate, water fltrd ug/L (62088)
SEP 21...		<.5	E.17	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

331952087330601 GSA LAKE TUSCALOOSA SITE 114, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	1015	24.7	28	7.3	2.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.006	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	E.005	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.08
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 21...	<.5	.61	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332026087313401 GSA LAKE TUSCALOOSA SITE 106, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	0945	25.6	55	7.0	.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sito- sterol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	ethoxy- D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	E.05	<.5	<5.0	<1.0	<.5	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.05
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 21...	<.5	E.37	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332028087334401 GSA LAKE TUSCALOOSA SITE 122, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 21...	1100	24.0	102	7.1	45	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	E.09	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.006	<1.0	<.5	<.5	E.4	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	E.007	E.01	<.5	<.5	<.5	E.009	<.5	E.01	E.02
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltrd ug/L (62088)
SEP 21...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332035087324601 GSA LAKE TUSCALOOSA SITE 117, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	1035	23.7	31	7.3	11	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.01	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	E.008	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.1
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 21...	<.5	E.16	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332043087361901 GSA LAKE TUSCALOOSA SITE 172, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdy IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1250	23.5	24	6.7	3.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.14	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5	
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd, ug/L (61705)	Ethoxy- D-Limo- nene, water, fltrd, ug/L (62073)	octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	E.4	<1.0	E.01	<.5	<5.0	E.05	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.22	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	E.15	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332100087311101 GSA LAKE TUSCALOOSA SITE 104, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 21...	0920	23.8	11	7.1	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	E D-Limo- nene, water, fltrd, ug/L (62073)	thoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.009	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Meta- Menthol water, fltrd, ug/L (62080)	laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	E.007	E.008	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.02
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 21...	<.5	E.16	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332111087344401 GSA LAKE TUSCALOOSA SITE 156, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 21...	0900	24.0	60	6.6	3.0	<.5	<.5	<.5	<.5	E.3	E.02	<.5.0	<.1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...	<.1.0	<.5.0	<.1.0	<.2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.7	E.7	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.03	<.1.0	<.5	<.5	E.8	<.1.0	<.5	<.5	<.5	E1.6	<.1.0	<.5	<.1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	E.01	<.5	E.007	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.2
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltrd ug/L (62088)
SEP 21...	<.5	E.46	<.5	<.5	<.5	<.5	<.5	<.5	<.1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332121087351501 GSA LAKE TUSCALOOSA SITE 166, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1320	25.0	60	6.8	40	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	E.010	E.01	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.11	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332124087363901 GSA LAKE TUSCALOOSA 178, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2-Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3-Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1400	25.0	38	6.5	5.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	benzo- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.16	E.02	<.5	<.5	<.5	E.6	<2.0	<.5	
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	E.06	<1.0	<.5	<.5	E.7	<1.0	E.02	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	<.5	
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.09	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332129087360401 GSA LAKE TUSCALOOSA SITE 181, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1120	27.0	109	6.4	7.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.12	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.1
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332139087364601 GSA LAKE TUSCALOOSA SITE 179, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 20...	1410	25.0	22	6.7	2.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.17	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	E.03	<1.0	<.5	<.5	<2.0	<1.0	E.02	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methyl salicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	E.04	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.1
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltrd ug/L (62088)
SEP 20...	E.02	E.10	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332141087362401 GSA LAKE TUSCALOOSA SITE 180, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1145	25.0	28	6.9	10	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.25	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	E.04	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	E.05
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	E.09	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332156087323301 GSA LAKE TUSCALOOSA SITE 131

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 21...	1035	24.0	53	6.8	2.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 21...	<1.0	<5.0	<1.0	<2.0	<.5	E.10	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7ug GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 21...	<.5	E.01	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 21...	<.5	<.5	<.5	<.5	<.5	E.006	E.03	<.5	<.5	<.5	<.5	<.5	<.5	E.04
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butylphosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl)phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl)phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr)phosphate, water fltrd ug/L (62088)
SEP 21...	<.5	E.14	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332156087360501 GSA LAKE TUSCALOOSA SITE 182

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	1110	24.7	63	6.8	2.0	<.5	<.5	<.5	<.5	<2.0	E.04	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.16	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.09
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332200087353401 GSA LAKE TUSCALOOSA SITE 185, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methylnaphthalene, water, fltrd, ug/L (62054)	2,6-Dimethylnaphthalene, water, fltrd, ug/L (62055)	2-Methylnaphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	
SEP 20...	1045	23.8	68	6.6	6.0	<.5	<.5	<.5	<.5	<2.0	E.02	<5.0	<1.0	
Date		4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	E.20	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd, ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)
SEP 20...	<.5	E.04	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	E.07
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl)phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl)phosphate, water fltrd ug/L (62087)	Tris(di-chloro-i-Pr)phosphate, water fltrd ug/L (62088)
SEP 20...	E.03	E.24	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332232087355201 GSA LAKE TUSCALOOSA SITE 34, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	0810	22.0	58	6.6	2.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.09
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332241087343201 GSA LAKE TUSCALOOSA SITE 32, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta- Coprostanol, water, fltrd, ug/L (62057)	3-Methyl- 1H-indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hydroxy- anisole water fltr ug/L (62059)	4-Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	0830	22.0	74	6.7	5.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl- phenol, water, fltrd, ug/L (62061)	4-Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Methyl- 1H-benzo- triazole, water fltr ug/L (62063)	9,10-Anthra- quinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl- phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl- phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.05
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltr ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltr ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltr ug/L (62088)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332253087361601 GSA LAKE TUSCALOOSA SITE 12, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 19...	1240	25.0	27	6.7	4.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 19...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 19...	<.5	E.02	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 19...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.04
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 19...	<.5	1.2	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332318087341901 GSA LAKE TUSCALOOSA SITE 16, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumyl-phenol, water, fltrd, ug/L (62060)	
SEP 19...	1515	26.0	86	6.8	15	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octyl-phenol, water, fltrd, ug/L (62061)	4-Nonyl-phenol, water, fltrd, ug/L (62085)	4-tert-Octyl-phenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 19...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonyl-phenol, water, fltrd, ug/L (62083)	Diethoxyoctyl-phenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctyl-phenol, water, fltrd ug/L (61706)
SEP 19...	<.5	E.02	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isoborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Iso-quinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 19...	<.5	<.5	<.5	<.5	<.5	E.02	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.07
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butyl phosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Tri-ethyl citrate water, fltrd, ug/L (62091)	Tri-phenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl) phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl) phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr) phosphate, water fltrd ug/L (62088)
SEP 19...	<.5	E.16	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332400087324401 GSA LAKE TUSCALOOSA SITE 19, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. condac- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 20...	0945	24.0	358	7.1	4.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 20...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 20...	<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 20...	<.5	<.5	<.5	<.5	E.01	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.09
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 20...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332403087363501 GSA LAKE TUSCALOOSA SITE 7

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	4- Octyl- phenol, water, fltrd, ug/L (62061)	
SEP 19...	1215	25.0	57	6.9	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	<1.0	
Date		4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	phenone water, fltrd, ug/L (62064)	Aceto- AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)	Caf- feine, water, fltrd, ug/L (50305)
SEP 19...	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	E.03	<2.0	<2.0	<.5	<.5	
Date		Camphor water, fltrd, ug/L (62070)	Car- baryl, water, 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)	Fluor- anthene water, fltrd, ug/L (34377)
SEP 19...	E.04	<1.0	<.5	<.5	<.5	<2.0	<1.0	E.02	<.5	<5.0	<1.0	<.5	<1.0	<.5
Date		HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)	Phenan- threne, water, fltrd, ug/L (34462)
SEP 19...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	E.1	<.5
Date		Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di- chloro- i-Pr) phos- phate, wat flt ug/L (62088)	
SEP 19...	E.19	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5	

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332422087370701 GSA LAKE TUSCALOOSA SITE 1, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 19...	1130	27.0	50	6.4	10	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 19...	<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 19...	<.5	E.01	<1.0	<.5	<.5	<2.0	<1.0	E.07	<.5	<5.0	<1.0	<.5	<1.0	
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 19...	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1.0
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 19...	<.5	E.17	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332454087364601 GSA LAKE TUSCALOOSA SITE 4, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbidity IR LED light, det ang 90 deg, corrected FNU (63681)	1,4-Dichloro- benzene water, fltrd, ug/L (34572)	1-Methyl- naphthalene, water, fltrd, ug/L (62054)	2,6-Dimethyl- naphthalene, water, fltrd, ug/L (62055)	2-Methyl- naphthalene, water, fltrd, ug/L (62056)	3-beta-Coprostanol, water, fltrd, ug/L (62057)	3-Methyl-1H-indole, water, fltrd, ug/L (62058)	3-tert-Butyl-4-hydroxy-anisole water fltrd ug/L (62059)	4-Cumylphenol, water, fltrd, ug/L (62060)	
SEP 19...	1150	23.7	25	6.9	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4-Octylphenol, water, fltrd, ug/L (62061)	4-Nonylphenol, water, fltrd, ug/L (62085)	4-tert-Octylphenol, water, fltrd, ug/L (62062)	5-Methyl-1H-benzotriazole, water fltrd ug/L (62063)	9,10-Anthraquinone water, fltrd, ug/L (62066)	Acetophenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthracene, water, fltrd, ug/L (34221)	Benzo[a]pyrene, water, fltrd, ug/L (34248)	Benzo-phenone water, fltrd, ug/L (62067)	beta-Sitosterol, water, fltrd, ug/L (62068)	beta-Stigmasterol, water, fltrd, ug/L (62086)	Bromacil, water, fltrd, ug/L (04029)
SEP 19...		<1.0	<5.0	<1.0	<2.0	<.5	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caffeine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Carbaryl, water, fltrd 0.7u GF ug/L (82680)	Carbazole, water, fltrd, ug/L (62071)	Chlorpyrifos water, fltrd, ug/L (38933)	Cholesterol, water, fltrd, ug/L (62072)	Cotinine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazinon, water, fltrd, ug/L (39572)	Diethoxynonylphenol, water, fltrd, ug/L (62083)	Diethoxyoctylphenol, water, fltrd ug/L (61705)	D-Limonene, water, fltrd, ug/L (62073)	Ethoxyoctylphenol, water, fltrd ug/L (61706)
SEP 19...		<.5	<.5	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluoranthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	soborneol, water, fltrd, ug/L (62077)	Iso-phorone water, fltrd, ug/L (34409)	Iso-propylbenzene water, fltrd, ug/L (62078)	Isoquinoline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Metaxyl, water, fltrd, ug/L (50359)	Methylsalicylate, water, fltrd, ug/L (62081)	Metolachlor, water, fltrd, ug/L (39415)	Naphthalene, water, fltrd, ug/L (34443)	p-Cresol, water, fltrd, ug/L (62084)
SEP 19...		<.5	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	E.03
Date		Phenanthrene, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prometon, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetrachloroethene, water, fltrd, ug/L (34476)	Tri-bromomethane water, fltrd, ug/L (34288)	Tri-butylphosphate, water, fltrd, ug/L (62089)	Triclosan, water, fltrd, ug/L (62090)	Triethyl citrate water, fltrd, ug/L (62091)	Triphenyl phosphate, water, fltrd, ug/L (62092)	Tris(2-butoxyethyl)phosphate, water fltrd ug/L (62093)	Tris(2-chloroethyl)phosphate, water fltrd ug/L (62087)	Tris(dichloro-i-Pr)phosphate, water fltrd ug/L (62088)
SEP 19...		<.5	.50	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

MOBILE RIVER BASIN

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY PARTIAL-RECORD STATIONS

332455087353201 GSA LAKE TUSCALOOSA SITE 30, AL

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Temperature, water, deg C (00010)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	pH, water, unfltrd field, std units (00400)	Turbdty IR LED light, det ang 90 deg, corrctd FNRU (63681)	1,4-Di- chloro- benzene water, fltrd, ug/L (34572)	1- Methyl- naphth- alene, water, fltrd, ug/L (62054)	2,6-Di- methyl- naphth- alene, water, fltrd, ug/L (62055)	2- Methyl- naphth- alene, water, fltrd, ug/L (62056)	3-beta- Copros- tanol, water, fltrd, ug/L (62057)	3- Methyl- 1H- indole, water, fltrd, ug/L (62058)	3-tert- Butyl- 4-hy- droxy- anisole wat flt ug/L (62059)	4- Cumyl- phenol, water, fltrd, ug/L (62060)	
SEP 19...	1425	25.7	56	6.7	1.0	<.5	<.5	<.5	<.5	<2.0	<1.0	<5.0	<1.0	
Date		4- Octyl- phenol, water, fltrd, ug/L (62061)	4- Nonyl- phenol, water, fltrd, ug/L (62085)	4-tert- Octyl- phenol, water, fltrd, ug/L (62062)	5-Meth- yl-1H- benzo- tri- azole, wat flt ug/L (62063)	9,10- Anthra- quinone water, fltrd, ug/L (62066)	Aceto- phenone water, fltrd, ug/L (62064)	AHTN, water, fltrd, ug/L (62065)	Anthra- cene, water, fltrd, ug/L (34221)	Benzo- [a]- pyrene, water, fltrd, ug/L (34248)	Benzo- phenone water, fltrd, ug/L (62067)	beta- Sitos- terol, water, fltrd, ug/L (62068)	beta- Stigma- stanol, water, fltrd, ug/L (62086)	Broma- cil, water, fltrd, ug/L (04029)
SEP 19...	<1.0	<5.0	<1.0	<2.0	<.5	E.17	<.5	<.5	<.5	<.5	<.5	<2.0	<2.0	<.5
Date		Caf- feine, water, fltrd, ug/L (50305)	Camphor water, fltrd, ug/L (62070)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carba- zole, water, fltrd, ug/L (62071)	Chlor- pyrifos water, fltrd, ug/L (38933)	Choles- terol, water, fltrd, ug/L (62072)	Cot- inine, water, fltrd, ug/L (62005)	DEET, water, fltrd, ug/L (62082)	Diazi- non, water, fltrd, ug/L (39572)	Di- ethoxy- nonyl- phenol, water, fltrd, ug/L (62083)	Di- ethoxy- octyl- phenol, water, fltrd ug/L (61705)	D-Limo- nene, water, fltrd, ug/L (62073)	Ethoxy- octyl- phenol, water, fltrd ug/L (61706)
SEP 19...	<.5	E.03	<1.0	<.5	<.5	<2.0	<1.0	<.5	<.5	<.5	<5.0	<1.0	<.5	<1.0
Date		Fluor- anthene water, fltrd, ug/L (34377)	HHCB, water, fltrd, ug/L (62075)	Indole, water, fltrd, ug/L (62076)	Isobor- neol, water, fltrd, ug/L (62077)	Iso- phorone water, fltrd, ug/L (34409)	Iso- propyl- benzene water, fltrd, ug/L (62078)	Iso- quin- oline, water, fltrd, ug/L (62079)	Menthol water, fltrd, ug/L (62080)	Meta- laxyl, water, fltrd, ug/L (50359)	Methyl salicy- late, water, fltrd, ug/L (62081)	Metola- chlor, water, fltrd, ug/L (39415)	Naphth- alene, water, fltrd, ug/L (34443)	p- Cresol, water, fltrd, ug/L (62084)
SEP 19...	<.5	<.5	<.5	<.5	<.5	<.5	E.03	<.5	<.5	<.5	<.5	<.5	<.5	E.09
Date		Phenan- threne, water, fltrd, ug/L (34462)	Phenol, water, fltrd, ug/L (34466)	Prome- ton, water, fltrd, ug/L (04037)	Pyrene, water, fltrd, ug/L (34470)	Tetra- chloro- ethene, water, fltrd, ug/L (34476)	Tri- bromo- methane water, fltrd, ug/L (34288)	Tri- butyl phos- phate, water, fltrd, ug/L (62089)	Triclo- san, water, fltrd, ug/L (62090)	Tri- ethyl citrate water, fltrd, ug/L (62091)	Tri- phenyl phos- phate, water, fltrd, ug/L (62092)	Tris(2- butoxy- ethyl) phos- phate, wat flt ug/L (62093)	Tris(2- chloro- ethyl) phos- phate, wat flt ug/L (62087)	Tris(di chloro- i-Pr) phos- phate, wat flt ug/L (62088)
SEP 19...	<.5	E.14	<.5	<.5	<.5	<.5	<.5	<.5	<1.0	<.5	<.5	<.5	<.5	<.5

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, water, uS/cm 25 degC (00095)	Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, water, uS/cm 25 degC (00095)
APALACHICOLA RIVER BASIN									
02342500 UCHEE CREEK NEAR FORT MITCHELL, AL									
DEC 2004 13...	1435	227	12.0	40	MAY 2005 09...	1505	262	22.0	46
APR 2005 02...	1035	9370	15.5	--	JUL 25...	1541	284	31.0	65
02342933 SOUTH FORK COWIKEE CREEK NEAR BATESVILLE, AL									
DEC 2004 14...	0803	39	6.5	70	JUL 2005 26...	0740	26	26.0	118
MAY 2005 10...	0824	33	18.5	102					
CHOCTAWHATCHEE RIVER BASIN									
02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON, AL									
JUL 2005 26...	1208	474	28.5	91					
02361500 CHOCTAWHATCHEE RIVER NEAR BELLWOOD, AL									
DEC 2004 14...	1420	1490	11.5	54	JUL 2005 26...	1415	1150	23.0	94
MAY 2005 11...	0925	1490	21.0	92					
02362240 LITTLE DOUBLE BRIDGES CREEK NEAR ENTERPRISE, AL									
DEC 2004 14...	1615	23	9.0	32	MAY 2005 10...	1630	24	21.5	62
MAR 2005 08...	1452	26	15.5	37	JUL 26...	1616	15	28.0	69
02363000 PEA RIVER NEAR ARITON, AL									
DEC 2004 14...	1022	493	10.0	48	JUL 2005 26...	0952	285	27.5	89
MAY 2005 10...	1145	242	20.0	66					
02364500 PEA RIVER NEAR SAMSON, AL									
DEC 2004 15...	0930	1460	9.5	52	JUL 2005 27...	0810	718	29.0	99
MAR 2005 09...	0802	1090	13.5	63					
BLACKWATER RIVER BASIN									
02369800 BLACKWATER RIVER NEAR BRADLEY, AL									
DEC 2004 15...	1215	127	9.5	28	MAY 2005 11...	1432	120	21.5	49
MAR 2005 09...	1025	89	13.5	26	JUL 27...	1036	60	24.5	35
ESCAMBIA RIVER BASIN									
02371500 CONECUH RIVER AT BRANTLEY, AL									
DEC 2004 16...	1052	499	8.0	--	JUL 2005 29...	0810	245	27.0	117
MAR 2005 10...	1315	386	13.0	72	SEP 14...	0845	127	23.5	122
MAY 13...	1040	308	22.0	104					
26...	0930	124	22.5	113					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
SPECIFIC CONDUCTANCE AND TEMPERATURE
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)
02372250 PATSALIGA CREEK NEAR BRANTLEY, AL									
MAR 2005 11...	0807	359	12.0	76	MAY 2005 26...	1102	127	23.0	110
02373000 SEPULGA RIVER NEAR MCKENZIE, AL									
MAR 2005 10...	0909	283	12.0	55	JUL 2005 28...	1211	265	28.0	73
MAY 12...	1325	265	22.0	86					
02374700 MURDER CREEK AT STATE HIGHWAY 41 AT BREWTON, AL									
MAR 2005 09...	1250	556	13.5	64	JUL 2005 28...	0752	521	27.0	97
MAY 12...	0842	621	21.0	96					
02374745 BURNT CORN CREEK AT STATE HIGHWAY 41 NEAR BREWTON, AL									
MAR 2005 09...	1607	210	14.5	59	JUL 2005 28...	0910	193	27.0	84
02374950 BIG ESCAMBIA CREEK AT SARDINE BRIDGE NEAR STANLEY CROSSROADS, AL									
OCT 2004 18...	1432	165	20.0	27	MAY 2005 16...	1045	--	24.0	35
DEC 14...	1020	284	14.5	26	AUG 03...	1028	374	24.5	32
MAR 2005 14...	1125	221	17.0	28					
PERDIDO RIVER BASIN									
02376115 ELEVENMILE CREEK NEAR PENSACOLA, FL									
OCT 2004 19...	0931	92	23.5	1030	MAY 2005 12...	1103	98	24.5	819
DEC 10...	0911	117	19.5	595	AUG 03...	1414	143	26.5	575
MAR 2005 10...	1607	84	18.0	975	SEP 20...	1252	73	27.5	947
02376500 PERDIDO RIVER AT BARRINEAU PARK, FL									
MAR 2005 14...	1424	451	17.0	20					
02377570 STYX RIVER NEAR ELSANOR, AL									
OCT 2004 14...	1155	259	20.0	28	MAY 2005 12...	0900	--	23.0	30
MAR 2005 11...	1145	261	14.0	22	SEP 20...	1632	213	26.0	42
FISH RIVER BASIN									
02378300 MAGNOLIA RIVER AT US 98 NEAR FOLEY, AL									
OCT 2004 14...	0838	28	20.5	62	AUG 2005 04...	0907	36	22.5	73
MAR 2005 11...	0855	31	15.5	57	SEP 20...	1032	28	27.0	32
MAY 11...	1510	--	22.0	70					
02378500 FISH RIVER NEAR SILVER HILL, AL									
OCT 2004 13...	1648	86	21.5	39	AUG 2005 03...	1642	254	23.5	39
MAR 2005 10...	0855	87	14.5	36	SEP 21...	0940	104	23.0	50
MAY 11...	1315	--	23.0	43					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)
MOBILE RIVER BASIN									
02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE, AL									
OCT 2004					JUN 2005				
13...	1230	262	19.5	535	16...	0857	303	23.5	404
FEB 2005					AUG				
17...	1622	670	12.5	294	04...	1005	248	24.5	471
MAR					SEP				
31...	1200	2980	15.0	178	08...	1255	180	22.5	494
MAY									
05...	0822	480	15.0	317					
02398950 WEST FORK LITTLE ROAD AT DESOTO PARK NEAR FORT PAYNE, AL									
OCT 2004					JUN 2005				
13...	1435	9.3	19.0	31	15...	1815	39	24.0	29
FEB 2005					AUG				
17...	1339	93	9.0	25	03...	1700	12	27.0	31
APR					SEP				
01...	1454	369	14.5	22	09...	0730	1.1	20.5	34
MAY									
04...	1708	71	15.0	21					
02399200 LITTLE RIVER NEAR BLUE POND, AL									
OCT 2004					JUN 2005				
14...	1140	58	19.0	43	16...	1109	161	26.0	33
FEB 2005					AUG				
18...	0911	387	8.0	32	04...	1500	85	28.0	45
APR					SEP				
01...	1134	1720	15.0	40	08...	1310	23	26.5	45
MAY									
05...	1106	288	14.0	29					
02400100 TERRAPIN CREEK AT ELLISVILLE, AL									
OCT 2004					JUN 2005				
13...	1025	116	20.0	--	16...	1431	243	25.0	136
FEB 2005					AUG				
18...	1227	352	10.5	122	05...	0820	193	26.5	161
APR					SEP				
01...	1709	2880	16.0	45	08...	1523	117	23.5	178
MAY									
05...	1432	338	16.0	118					
02401000 BIG WILLS CREEK NEAR REECE CITY, AL									
OCT 2004					JUL 2005				
14...	0910	104	17.5	442	15...	0906	271	22.0	275
APR 2005					AUG				
29...	1042	209	15.5	--	23...	0730	87	25.0	--
MAY									
26...	0855	135	18.0	272					
02401390 BIG CANOE CREEK AT ASHVILLE, AL									
OCT 2004					MAY 2005				
14...	1550	45	18.0	246	26...	1057	55	20.0	205
20...	1155	1870	18.0	94	JUL				
21...	0850	356	18.5	134	15...	1052	1360	23.5	100
FEB 2005					AUG				
23...	1544	315	14.5	--	23...	0850	58	26.0	--
APR									
12...	1207	316	18.0	157					
02404400 CHOCCOLOCCO CREEK AT JACKSON SHOAL NEAR LINCOLN, AL									
OCT 2004					MAY 2005				
15...	0905	255	17.0	224	25...	0947	421	23.0	168
FEB 2005					JUL				
22...	1135	1510	14.0	--	12...	1040	1710	23.0	86
APR					AUG				
11...	1047	1180	19.5	130	22...	0950	346	28.0	206

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)
02405500 KELLY CREEK NEAR VINCENT, AL									
OCT 2004 06...	1410	39	20.0	92					
02406500 TALLADEGA CREEK AT ALPINE, AL									
OCT 2004 15...	1115	88	16.0	225					
02408540 HATCHET CREEK BELOW ROCKFORD, AL									
OCT 2004 18...	1345	78	18.0	51					
02412000 TALLAPOOSA RIVER NEAR HEFLIN, AL									
OCT 2004 13...	0805	183	19.5	47	JUL 2005 11...	1415	5570	22.0	--
FEB 2005 22...	1540	1510	12.5	35	AUG 22...	1303	373	29.0	--
02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL, AL									
OCT 2004 12...	1325	196	21.0	66	JUL 2005 11...	1155	5030	23.0	--
02415000 HILLABEE CREEK NEAR HACKNEYVILLE, AL									
OCT 2004 18...	1120	68	16.5	41					
02418230 SOUGAHATCHEE CREEK NEAR LOACHAPOKA, AL									
DEC 2004 13...	1001	79	11.0	112	MAY 2005 09...	0958	78	17.5	135
MAR 2005 07...	0930	66	10.5	163	JUL 25...	1035	76	26.0	146
02418760 CHEWACLA CREEK AT CHEWACLA STATE PARK NEAR AUBURN, AL									
DEC 2004 13...	1215	24	13.0	97	MAY 2005 09...	1200	55	22.0	104
MAR 2005 07...	1135	44	14.0	102	JUL 25...	1253	53	28.5	116
02419000 UPHAPEE CREEK NEAR TUSKEGEE, AL									
DEC 2004 13...	0848	271	11.0	62	MAY 2005 09...	0835	273	17.5	68
MAR 2005 07...	0805	285	10.5	56	JUL 25...	0910	252	23.5	90
02420000 ALABAMA RIVER NEAR MONTGOMERY, AL									
APR 2005 03...	1244	149000	16.0	--	APR 2005 05...	0955	108000	17.0	--
02421000 CATOMA CREEK NEAR MONTGOMERY, AL									
MAR 2005 07...	1317	74	13.5	183	JUN 2005 23...	1103	6.0	27.0	270
MAY 09...	1345	--	23.0	200					
02422500 MULBERRY CREEK AT JONES, AL									
MAY 2005 17...	1219	162	22.0	32	AUG 2005 08...	1136	215	25.0	39

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, water, uS/cm 25 degC (00095)	Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, water, uS/cm 25 degC (00095)
02423130 CAHABA RIVER AT TRUSSVILLE, AL									
NOV 2004					MAY 2005				
16...	1300	26	13.5	136	10...	1332	9.6	20.0	170
JAN 2005					JUN				
10...	1025	17	11.5	--	22...	0930	4.4	21.5	196
FEB					AUG				
15...	1308	42	12.0	121	09...	1358	8.2	24.5	185
MAR									
29...	1449	54	16.5	119					
02423380 CAHABA RIVER NEAR MOUNTAIN BROOK, AL									
OCT 2004					MAY 2005				
07...	0825	34	20.0	--	23...	0955	60	23.0	198
NOV					JUL				
17...	1037	197	14.0	--	18...	1255	350	25.0	131
JAN 2005					AUG				
05...	1149	103	12.0	--	24...	1100	84	27.5	204
APR									
04...	1417	600	16.0	--					
02423397 LITTLE CAHABA RIVER BELOW LEEDS, AL									
OCT 2004					MAR 2005				
06...	1516	17	21.5	--	30...	1123	23	16.0	339
NOV					MAY				
17...	0800	19	13.5	385	11...	0841	13	18.0	357
JAN 2005					JUN				
05...	1011	16	15.0	--	23...	0903	14	20.5	360
FEB					AUG				
11...	1157	23	11.0	341	10...	1137	14	22.5	337
02423398 LITTLE CAHABA RIVER NEAR LEEDS, AL									
OCT 2004					MAR 2005				
06...	1423	16	20.0	--	30...	0907	28	15.0	352
NOV					MAY				
24...	1107	1800	18.0	--	11...	1005	15	18.0	377
JAN 2005					JUN				
05...	0857	23	14.5	--	23...	1023	16	20.5	370
FEB					AUG				
11...	1011	29	10.5	372	10...	0947	21	22.5	369
02423414 LITTLE CAHABA RIVER AT CAHABA BEACH ROAD NEAR CAHABA HEIGHTS, AL									
OCT 2004					MAY 2005				
05...	1206	59	20.0	234	06...	1119	51	18.0	209
NOV					AUG				
15...	1214	79	15.5	219	02...	1206	44	27.0	210
02423425 CAHABA RIVER NEAR CAHABA HEIGHTS, AL									
OCT 2004					JUL 2005				
05...	1011	7.3	21.5	--	19...	1120	492	26.5	174
APR 2005					AUG				
13...	0901	344	18.0	167	26...	1145	44	28.5	--
MAY									
23...	1125	30	24.0	246					
02423496 CAHABA RIVER NEAR HOOVER, AL									
OCT 2004					MAY 2005				
07...	1113	14	21.5	--	06...	1024	192	17.0	181
NOV					JUN				
18...	1100	131	14.5	--	22...	1340	116	26.0	231
JAN 2005					AUG				
05...	1417	109	13.0	--	09...	1154	89	27.0	220

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
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WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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02423500 CAHABA RIVER NEAR ACTON, AL									
OCT 2004 07...	1319	40	23.0	--	MAY 2005 23...	1323	57	25.0	288
NOV 18...	0944	183	14.5	--	JUL 19...	1420	557	27.0	--
JAN 2005 04...	1417	130	13.5	--	AUG 25...	1220	211	28.5	232
APR 14...	1059	362	17.0	197					
0242354750 CAHABA VALLEY CREEK AT CROSS CREEK ROAD AT PELHAM, AL									
OCT 2004 05...	1421	12	20.0	364	MAY 2005 06...	0929	25	16.5	218
NOV 15...	1423	34	14.5	239	AUG 02...	0945	26	24.0	242
FEB 2005 07...	1350	43	13.0	--					
02423555 CAHABA RIVER NEAR HELENA, AL									
OCT 2004 06...	1230	61	21.0	--	MAY 2005 24...	0910	118	23.5	290
APR 2005 13...	1341	642	18.5	200	AUG 25...	0945	470	27.0	194
02423586 SHADES CREEK NEAR HOMEWOOD, AL									
OCT 2004 06...	1514	3.5	21.5	317	MAY 2005 02...	1105	19	14.5	250
NOV 19...	1207	28	14.0	266	JUN 07...	1304	60	23.5	187
FEB 2005 07...	1110	26	11.0	--	JUL 20...	1422	18	28.0	268
MAR 28...	1329	99	14.0	190	SEP 06...	1225	4.1	24.0	323
02423630 SHADES CREEK NEAR GREENWOOD, AL									
OCT 2004 06...	1004	12	19.0	312	MAY 2005 24...	1050	18	24.5	126
NOV 19...	0928	34	13.5	262	JUL 13...	0923	160	24.0	198
APR 2005 08...	1200	222	16.5	169	AUG 25...	0830	16	26.5	214
02424000 CAHABA RIVER AT CENTREVILLE, AL									
NOV 2004 05...	0945	2440	19.0	216	APR 2005 07...	1010	4660	16.5	--
DEC 17...	1022	1370	8.5	--	MAY 31...	1021	2430	21.0	--
FEB 2005 03...	1102	2800	9.0	--	JUL 19...	0908	2180	25.5	--
02427250 PINE BARREN CREEK NEAR SNOW HILL, AL									
OCT 2004 12...	1411	81	23.0	91	MAY 2005 18...	1110	--	23.0	101
DEC 16...	1115	145	14.0	80	AUG 09...	1611	169	27.0	58
MAR 2005 15...	1611	136	14.5	68	SEP 23...	1339	65	24.5	99
02438000 BUTTAHATCHEE RIVER BELOW HAMILTON, AL									
OCT 2004 29...	1035	252	20.5	35	JUN 2005 07...	1203	189	24.0	36
DEC 15...	1341	744	6.5	--	JUL 19...	0806	227	25.0	36
JAN 2005 31...	1345	318	7.5	32					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
 SPECIFIC CONDUCTANCE AND TEMPERATURE
 WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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02442500 LUXAPALLILA CREEK AT MILLPORT, AL									
OCT 2004 29...	1410	150	21.5	36	JUN 2005 07...	0915	232	22.5	37
FEB 2005 01...	1127	307	9.5	35	JUL 20...	1646	194	27.5	37
MAR 17...	1114	451	9.5	31					
02446500 SIPSEY RIVER NEAR ELROD, AL									
JUN 2005 22...	0956	725	24.5	95					
02448500 NOXUBEE RIVER NEAR GEIGER, AL									
MAR 2005 18...	0949	1390	11.0	152					
02448900 BODKA CREEK NEAR GEIGER, AL.									
DEC 2004 16...	1350	63	6.5	248	JUN 2005 09...	1345	24	27.5	274
JAN 2005 26...	1310	24	9.5	355	JUL 21...	1518	108	28.0	132
MAR 18...	1152	148	10.5	160					
02449882 BLUE SPRINGS CREEK NEAR BLOUNTSVILLE, AL									
OCT 2004 19...	0958	77	18.0	98	APR 2005 12...	1450	37	19.0	--
NOV 29...	1113	39	13.5	128	MAY 26...	1445	3.5	21.0	165
JAN 2005 07...	1115	10	12.0	152	JUL 13...	1332	9.2	24.0	155
FEB 24...	1023	23	13.0	--	AUG 23...	1315	2.4	26.0	199
02450000 MULBERRY FORK NEAR GARDEN CITY, AL									
OCT 2004 21...	1009	632	18.5	119	APR 2005 18...	1328	520	19.0	112
DEC 16...	1326	849	7.5	74	MAY 27...	0815	61	22.0	135
JAN 2005 07...	0845	437	12.0	121	JUL 14...	1255	643	24.5	125
FEB 24...	1341	1510	13.0	125	AUG 23...	1500	218	29.5	--
02450180 MULBERRY FORK NEAR ARKADELPHIA, AL									
OCT 2004 18...	1709	56	18.5	273	APR 2005 25...	1132	331	15.5	135
DEC 09...	1315	9950	14.5	46	MAY 27...	1000	92	24.0	185
JAN 2005 06...	1401	430	13.5	121	JUL 14...	1025	1160	24.5	120
FEB 24...	1550	2020	12.5	92	AUG 24...	0817	243	28.5	--
02450250 SIPSEY FORK NEAR GRAYSON, AL									
JAN 2005 31...	1050	66	6.5	78	JUN 2005 07...	1450	49	22.5	--
MAR 14...	1045	285	11.5	85	JUL 18...	1931	95	23.0	83
02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRINGS, AL									
DEC 2004 14...	1200	326	8.5	--	JUN 2005 07...	1730	180	21.0	31
JAN 2005 28...	1305	104	7.0	32	JUL 18...	1740	90	25.0	38
MAR 14...	1413	269	13.0	31					

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
SPECIFIC CONDUCTANCE AND TEMPERATURE
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

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02453000 BLACKWATER CREEK NEAR MANCHESTER, AL									
DEC 2004 15...	0825	539	8.0	90	JUN 2005 08...	0805	1510	--	55
JAN 2005 28...	1015	153	7.0	--	JUL 18...	1514	294	25.5	104
MAR 14...	1630	260	13.0	89					
02454055 LOST CREEK ABOVE PARRISH, AL									
DEC 2004 15...	1515	349	8.5	790	JUN 2005 08...	1200	469	22.5	388
JAN 2005 25...	1041	132	5.0	1030	JUL 18...	1218	258	24.5	595
MAR 15...	0945	220	12.5	666					
02455000 LOCUST FORK NEAR CLEVELAND, AL									
OCT 2004 21...	1251	880	18.5	103	APR 2005 18...	1032	388	17.0	--
DEC 16...	1016	744	6.5	74	MAY 26...	1328	64	22.5	154
JAN 2005 07...	1333	327	12.5	126	JUL 14...	1540	651	25.5	--
MAR 14...	1040	554	13.5	--	AUG 23...	1105	37	28.0	--
02455900 LOCUST FORK AT WARRIOR, AL									
OCT 2004 12...	1315	141	21.5	198	SEP 2005 09...	1329	70	26.5	230
MAR 2005 08...	1035	2010	11.5	--					
02455980 TURKEY CREEK AT SEWAGE PLANT NEAR PINSON, AL									
OCT 2004 06...	1010	19	17.0	--	MAY 2005 09...	1317	38	18.5	282
NOV 16...	1046	36	13.0	297	JUN 21...	1240	28	21.5	294
FEB 2005 17...	1035	42	11.5	287	AUG 08...	1237	27	22.5	290
MAR 28...	1143	105	14.0	263					
02456000 TURKEY CREEK AT MORRIS, AL									
OCT 2004 12...	1144	30	21.0	311	JUL 2005 26...	1037	70	26.0	--
MAY 2005 06...	1026	97	16.0	234	SEP 09...	1102	26	22.5	312
02456500 LOCUST FORK AT SAYRE, AL									
OCT 2004 19...	1231	262	19.0	288	JUN 2005 24...	1055	296	27.5	--
DEC 09...	1522	8800	14.5	85	SEP 07...	1044	119	25.5	--
JAN 2005 10...	1422	830	12.5	201					
02456980 FIVEMILE CREEK AT LAWSON ROAD NEAR TARRANT CITY, AL									
MAY 2005 09...	1024	15.6	18.5	241	AUG 2005 01...	1219	13.5	20.0	--
02456998 BARTON BRANCH NEAR TARRANT CITY, AL									
MAY 2005 09...	1148	2.31	19.5	98	AUG 2005 01...	1035	2.3	20.5	--

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02457000 FIVEMILE CREEK AT KETONA, AL									
OCT 2004 08...	1232	8.7	18.5	360	MAY 2005 09...	1318	20	19.5	--
NOV 17...	1213	17	14.0	364					
02457595 FIVEMILE CREEK NEAR REPUBLIC, AL									
OCT 2004 05...	1038	29	19.5	--	MAY 2005 09...	1048	52	18.5	570
NOV 16...	0912	48	12.0	590	JUN 21...	1028	47	22.5	576
JAN 2005 06...	1051	46	15.0	--	AUG 08...	0955	51	24.0	474
FEB 17...	1244	70	12.5	--					
02457670 FIVEMILE CREEK BELOW PRUDES CREEK NEAR GRAYSVILLE, AL									
OCT 2004 05...	1308	48	21.0	--	JUN 2005 20...	1118	79	22.5	510
02458148 VILLAGE CREEK AT 86 TH STREET NORTH AT ROEBUCK, AL									
OCT 2004 08...	0857	3.6	17.0	382	MAY 2005 02...	1329	8.6	19.0	372
NOV 17...	1419	6.3	18.0	382	JUL 19...	1101	7.4	20.0	376
FEB 2005 08...	1316	7.4	15.5	--	AUG 31...	1353	4.8	23.0	358
MAR 23...	1126	9.6	17.0	349					
02458200 VILLAGE CREEK AT APALACHEE STREET IN BIRMINGHAM, AL									
OCT 2004 08...	1036	8.3	19.5	399	MAY 2005 02...	1517	22	21.5	367
NOV 17...	1050	15	16.0	419	JUN 07...	1057	41	22.5	362
FEB 2005 08...	1138	67	14.0	--	JUL 19...	1243	26	26.0	387
MAR 23...	1331	33	17.0	336	SEP 01...	1355	12	28.0	352
02458300 VILLAGE CREEK AT 24 TH STREET AT BIRMINGHAM, AL									
OCT 2004 05...	0908	13	19.5	--	MAY 2005 04...	1331	24	16.5	412
NOV 16...	0742	22	13.0	--	JUL 20...	1150	39	24.5	368
MAR 2005 23...	0943	50	14.5	333	AUG 31...	1142	19	24.5	371
02458450 VILLAGE CREEK AT AVENUE WEST AT ENSLEY, AL									
OCT 2004 04...	0923	20	19.5	--	MAY 2005 10...	1042	28	21.0	425
FEB 2005 14...	0920	125	13.0	241	JUN 16...	1306	44	27.0	442
MAR 25...	0944	45	16.0	433	AUG 11...	0940	32	25.0	348
02458502 VILLAGE CREEK NEAR PRATT CITY, AL									
NOV 2004 15...	1335	44	16.0	--	MAR 2005 28...	1123	124	14.5	331
JAN 2005 06...	1420	66	16.0	--	JUN 07...	0919	159	22.0	405
FEB 08...	1443	138	14.0	--	AUG 31...	1010	30	26.0	257

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02458600 VILLAGE CREEK NEAR DOCENA, AL									
OCT 2004 04...	1418	51	23.0	480	MAR 2005 24...	1136	117	15.0	425
NOV 15...	1100	105	16.0	--	MAY 05...	1339	80	19.0	470
JAN 2005 04...	1233	95	18.5	--	JUN 16...	1146	162	23.5	462
FEB 04...	1101	314	14.0	300	AUG 04...	1341	69	27.0	470
02461130 VALLEY CREEK AT CENTER STREET AT BIRMINGHAM, AL									
OCT 2004 04...	1037	5.5	21.0	446	JUN 2005 08...	1004	13	22.5	471
FEB 2005 07...	0939	6.5	14.5	--	JUL 20...	1030	7.8	24.5	398
MAR 28...	0935	40	15.5	252	SEP 06...	1031	5.3	23.5	451
MAY 04...	1107	6.8	17.5	441					
02461500 VALLEY CREEK NEAR BESSEMER, AL									
OCT 2004 04...	1330	28	23.0	502	MAY 2005 05...	1340	55	19.0	489
NOV 16...	0931	82	14.5	510	JUN 08...	1315	130	25.5	449
FEB 2005 10...	1039	94	13.5	--	SEP 01...	1154	43	25.5	428
MAR 24...	1145	86	17.0	446					
02461640 VALLEY CREEK BELOW BESSEMER, AL									
NOV 2004 16...	1354	44	16.5	--	JUN 2005 09...	1438	150	25.5	368
MAR 2005 24...	1000	85	16.5	443	SEP 01...	0947	46	25.0	415
02462000 VALLEY CREEK NEAR OAK GROVE, AL									
OCT 2004 13...	0946	125	21.0	--	APR 2005 27...	1401	324	16.5	--
MAR 2005 24...	1414	286	17.5	754					
02464000 NORTH RIVER NEAR SAMANTHA, AL									
OCT 2004 08...	0914	15	19.5	--	JUN 2005 13...	1026	3680	20.0	--
DEC 01...	1015	3060	13.5	--	JUL 18...	0923	381	24.0	85
MAR 2005 15...	1305	272	13.0	115					
02464146 TURKEY CREEK NEAR TUSCALOOSA, AL									
OCT 2004 21...	0920	2.9	10.5	387	JUN 2005 16...	1328	16	22.0	322
02464360 BINION CREEK BELOW GIN CREEK NEAR SAMANTHA AL									
OCT 2004 21...	1305	34	12.5	38	SEP 2005 22...	1137	26	--	30
DEC 20...	1000	66	4.5	--					
02465292 CRIBBS MILL CREEK AT WASTEWATER PLANT AT TUSCALOOSA, AL									
OCT 2004 28...	0908	6.4	15.5	142					

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02465493 ELLIOTTS CREEK AT MOUNDVILLE, AL									
OCT 2004 28...	1152	19	15.0	22					
02467500 SUCARNOOCHEE RIVER AT LIVINGSTON, AL									
DEC 2004 16...	1025	812	8.0	76	JUN 2005 09...	1000	463	26.0	66
JAN 2005 26...	0935	479	8.0	835	JUL 21...	1020	851	26.5	--
MAR 18...	1510	1070	11.5	82					
02469800 SATILPA CREEK NEAR COFFEEVILLE, AL									
OCT 2004 13...	1242	73	21.0	80	AUG 2005 05...	1106	191	24.0	93
MAR 2005 15...	1013	122	14.0	87	SEP 22...	1540	31	25.5	164
MAY 16...	1335	--	22.0	104					
02470072 BASSETT CREEK AT US HIGHWAY 43 NEAR THOMASVILLE, AL									
OCT 2004 13...	0842	3.6	19.5	52	MAY 2005 17...	0810	--	24.0	50
DEC 16...	0915	6.3	14.0	45	AUG 09...	1111	2.2	24.5	50
MAR 2005 15...	1340	5.7	13.0	39					
02471001 CHICKASAW CREEK NEAR KUSHLA, AL									
OCT 2004 22...	1102	146	23.5	27	SEP 2005 22...	1257	144	25.5	30
MAR 2005 09...	1353	169	15.0	18					
02471078 FOWL RIVER AT HALF-MILE ROAD NEAR LAURENDINE, AL									
OCT 2004 19...	1259	25	21.5	47	MAY 2005 11...	1100	--	23.0	50
DEC 08...	1022	40	17.0	47	JUN 21...	1155	27	24.5	53
MAR 2005 09...	1556	31	18.0	20	SEP 21...	1238	27	26.0	49
PASCAGOULA RIVER BASIN									
02479945 BIG CREEK AT COUNTY ROAD 63 NEAR WILMER, AL									
MAR 2005 09...	1024	36	13.0	18	SEP 2005 22...	1004	41	25.0	30
MAY 10...	1308	--	22.5	25					
02479980 CROOKED CREEK NEAR FAIRVIEW, AL									
OCT 2004 20...	1017	12	23.0	42	MAY 2005 10...	1445	--	23.0	41
MAR 2005 08...	1347	10	17.5	27	SEP 21...	1615	--	27.0	35
02480002 HAMILTON CREEK AT SNOW ROAD NEAR SEMMES, AL									
OCT 2004 19...	1611	20	23.5	44	MAY 2005 10...	1605	--	24.0	40
DEC 08...	1337	30	18.5	38	AUG 04...	1339	28	25.0	66
MAR 2005 08...	1130	18	17.5	37	SEP 21...	1448	25	27.0	40

ANALYSES OF SAMPLES COLLECTED AT MISCELLANEOUS STATIONS
SPECIFIC CONDUCTANCE AND TEMPERATURE
WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)	Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Specific conductance, wat unf uS/cm 25 degC (00095)
TENNESSEE RIVER BASIN									
03573182 SCARHAM CREEK NEAR MCVILLE, AL									
OCT 2004					MAY 2005				
15...	1254	17	15.0	88	04...	1257	43	13.5	70
DEC 06...	1251	602	11.5	83	JUN 15...	1448	52	23.0	76
JAN 2005					AUG 03...	0830	9.8	23.0	86
06...	0924	64	12.5	83	SEP 08...	1042	.94	21.0	87
FEB 17...	0835	71	9.5	78					
MAR 30...	1702	195	15.5	73					
03574500 PAINT ROCK RIVER NEAR WOODVILLE, AL									
OCT 2004					MAR 2005				
15...	1006	85	17.0	300	30...	1251	958	14.5	259
DEC 03...	0810	2150	11.0	226	MAY 04...	0940	260	15.0	249
03...	1346	1630	11.0	224	JUN 15...	1229	175	23.0	231
08...	1200	18800	14.5	--	AUG 02...	1510	93	25.5	254
JAN 2005					SEP 09...	1010	24	22.0	299
04...	1321	279	13.5	212					
FEB 16...	1406	1110	12.5	239					
03575100 FLINT RIVER AT BROWNSBORO, AL									
OCT 2004					MAY 2005				
15...	0820	139	16.0	179	04...	0757	354	15.0	160
DEC 02...	1240	2010	10.5	119	JUN 15...	0943	276	23.0	155
JAN 2005					AUG 02...	1125	167	25.5	188
04...	1046	465	14.5	123	SEP 09...	1133	101	22.5	179
FEB 16...	1032	872	13.0	133					
MAR 30...	0920	773	15.0	144					
03575500 TENNESSEE RIVER AT WHITESBURG, AL									
MAY 2005					AUG 2005				
03...	1710	--	18.5	157	02...	0850	--	29.5	158
03576250 LIMESTONE CREEK NEAR ATHENS, AL									
OCT 2004					MAY 2005				
12...	1711	30	20.0	127	02...	1550	118	17.0	92
NOV 30...	1511	325	13.0	96	JUN 13...	1718	191	23.0	91
JAN 2005					AUG 01...	1800	36	26.5	123
04...	0758	122	13.5	77	SEP 09...	1332	22	24.0	129
FEB 15...	0746	435	11.0	80					
MAR 28...	1611	460	13.5	76					
03586500 BIG NANCE CREEK AT COURTLAND, AL									
OCT 2004					MAR 2005				
12...	1416	18	19.5	308	28...	1241	227	16.0	220
NOV 30...	0922	534	12.5	194	MAY 02...	1256	78	16.0	270
DEC 07...	1125	6740	14.0	--	JUN 13...	1348	263	23.0	148
JAN 2005					AUG 01...	1420	24	23.5	310
03...	1356	114	13.5	210	SEP 22...	1528	9.7	23.5	300
FEB 14...	1454	631	11.5	180					
03589500 TENNESSEE RIVER AT FLORENCE, AL									
NOV 2004					SEP 2005				
22...	1136	57500	16.0	--	13...	1747	60100	29.0	--

GROUND-WATER LEVELS

MONTGOMERY COUNTY

322047086214301. Local number, Mtg-3.

LOCATION.--Lat 32°20'47", long 86°21'43", Hydrologic Unit 03150201, in SE $\frac{1}{4}$ sec. 21, T. 16 N., R. 17 E., at Lomax School on Hayneville Road, 0.5 mi northeast of intersection with U.S. Highway 31, and 4.5 mi southwest of Montgomery.
Owner: County of Montgomery.

AQUIFER.--Sand of Eutaw Formation of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 270 ft, screened 210 to 215 ft, 220 to 225 ft, 265 to 270 ft.

DATUM.--Elevation of land-surface datum is 167.2 ft. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by pumping nearby wells.

PERIOD OF RECORD.--August 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.9 ft below land-surface datum, Mar. 17, 1968; lowest, 31.3 ft below land-surface datum, Oct. 1, 1955.

EXTREMES FOR CURRENT YEAR.--Highest water level, 17.65 ft below land-surface datum, Apr. 12, 13; lowest, 25.13 ft below land-surface datum, Sept. 24.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.36	23.45	23.55	23.32	22.93	21.50	18.99	19.79	21.56	22.41	22.70	23.55
10	22.73	24.09	23.01	23.21	22.53	21.62	18.37	19.84	21.28	23.29	22.07	23.84
15	22.54	24.02	22.92	23.74	22.47	22.24	18.24	19.79	21.44	22.82	22.73	24.00
20	21.73	24.33	22.98	23.46	22.56	22.28	19.13	19.56	21.89	22.62	23.56	24.76
25	22.31	24.25	23.25	22.21	22.19	22.02	19.44	20.20	22.45	22.75	23.98	25.12
EOM	22.26	23.29	23.27	22.92	21.68	20.31	19.61	20.64	22.22	23.11	23.16	24.26
MEAN	22.47	23.78	23.13	23.20	22.57	21.68	19.00	19.86	21.70	22.75	22.99	24.17
MAX	22.89	24.39	23.76	23.74	23.00	22.28	20.25	20.64	22.46	23.29	24.00	25.13
MIN	21.73	22.25	22.49	22.21	21.68	20.31	17.82	19.23	20.79	22.25	21.85	23.22
CAL YR 2004	MEAN 23.04		HIGH 20.90		JUL 2		LOW 24.83		JAN 24			
WTR YR 2005	MEAN 22.27		HIGH 17.82		APR 13		LOW 25.13		SEP 24			

GROUND-WATER LEVELS

TUSCALOOSA COUNTY

333204087324601. Local number, TW-5.

LOCATION.--Lat 33°32'04", long 87°32'46", in SE $\frac{1}{4}$ sec. 26, T. 17 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, at dirt road 3.2 mi north of junction with Windham Springs Road, 4.2 mi northwest of Windham Springs, and 21 mi north of Tuscaloosa.
Owner: Champion Paper Company.

AQUIFER.--Pottsville Formation of Early and Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 60 ft, cased to 32 ft, open hole below casing.

DATUM.--Elevation of land-surface datum is 519 ft. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--National network well.

PERIOD OF RECORD.--May 1979 to January 1985, October 1997 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 31.30 ft below land-surface datum, Apr. 14, 1980; lowest, 51.08 ft below land-surface datum, Jan. 27, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 33.22 ft below land-surface datum, Apr. 8; lowest, 42.06 ft below land-surface datum, Nov. 2.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	41.64	40.58	36.50	40.94	38.45	39.22	36.01	40.29	36.96	---	39.70	41.31
10	41.64	40.82	33.58	40.63	38.45	39.21	34.13	40.78	39.40	40.55	40.47	41.49
15	41.73	40.69	36.70	39.15	38.38	39.95	37.58	41.09	34.70	33.75	40.91	41.62
20	41.93	40.87	39.03	39.29	39.16	40.26	39.38	41.29	38.68	37.93	41.15	41.75
25	41.91	35.60	40.13	40.18	38.96	39.17	40.26	41.53	40.21	39.84	41.34	41.72
EOM	41.99	36.05	40.81	40.74	38.64	38.82	40.40	41.34	40.80	37.72	40.84	39.04
MEAN	41.79	39.57	37.61	40.29	38.91	39.43	37.62	41.01	38.24	37.89	40.53	41.08
MAX	41.99	42.01	40.81	41.09	40.82	40.26	40.48	41.68	40.80	41.16	41.34	41.76
MIN	41.39	35.44	33.58	38.97	38.26	38.69	33.31	39.92	34.14	33.75	38.11	38.37
CAL YR 2004	MEAN 40.43		HIGH 33.58		DEC 10		LOW 43.00		JAN 1			
WTR YR 2005	MEAN 39.54		HIGH 33.31		APR 8		LOW 42.01		NOV 2			

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

Short-term water-quality data were collected at six wells in Montgomery County, which is located within the Mobile River Study Unit of the National Water-Quality Assessment Program. Data collected includes basic water-quality and pesticide constituents.

MULTIPLE STATION ANALYSES

Station name	Date	Time	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)
NAWQA LUSCR1-21	11-30-04	1200	40	162	4.0	760	6.2	67
NAWQA LUSRC1-17	11-16-04	0930	31.5	222	.8	768	6.9	77
NAWQA LUSRC1-10	11-29-04	1200	41.4	225	.4	765	7.8	86
NAWQA LUSRC1-20	11-15-04	1230	26.7	208	.3	770	3.7	41
NAWQA LUSRC1-5	11-17-04	1200	35.0	220	.4	768	5.0	54
NAWQA LUSRC1-3	11-18-04	1200	30	200	.5	770	6.9	79
Station name	pH, water, unfltrd field, std units (00400)	pH, water, unfltrd lab, std units (00403)	Specif. conductance, wat unf lab, uS/cm 25 degC (90095)	Specif. conductance, wat unf lab, uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)
NAWQA LUSCR1-21	4.9	E6.7	22	21	20.0	19.3	4	1.03
NAWQA LUSRC1-17	4.8	E5.4	84	85	14.0	21.3	19	3.90
NAWQA LUSRC1-10	4.4	E4.6	64	62	14.5	20.6	12	2.20
NAWQA LUSRC1-20	4.8	5.1	138	144	17.0	21.4	40	9.57
NAWQA LUSRC1-5	4.6	E4.9	35	30	21.0	19.6	3	.29
NAWQA LUSRC1-3	5.1	E7.2	38	38	21.0	22.3	5	.91
Station name	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, percent (00932)	Bromide, water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)
NAWQA LUSCR1-21	.240	E.12	.4	1.58	--	<.02	2.25	<.1
NAWQA LUSRC1-17	2.13	1.44	.6	6.07	39	.02	8.26	<.1
NAWQA LUSRC1-10	1.45	1.05	.4	3.06	34	<.02	6.97	<.1
NAWQA LUSRC1-20	3.92	3.53	.4	5.14	20	.03	11.3	<.1
NAWQA LUSRC1-5	.570	.68	.8	3.06	63	.03	3.26	<.1
NAWQA LUSRC1-3	.555	.86	.8	4.01	61	<.02	4.64	<.1
Station name	Silica, water, fltrd, mg/L (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Total nitrogen, wat flt by analysis, mg/L (62854)
NAWQA LUSCR1-21	15.5	.4	14	<.04	.24	<.008	E.004	.26
NAWQA LUSRC1-17	9.27	<.2	51	<.04	5.90	<.008	<.006	6.00
NAWQA LUSRC1-10	11.4	.3	38	<.04	3.09	<.008	<.006	3.30
NAWQA LUSRC1-20	11.1	4.0	91	<.04	9.85	<.008	E.003	9.86
NAWQA LUSRC1-5	10.1	<.2	26	<.04	1.15	<.008	<.006	1.22
NAWQA LUSRC1-3	4.54	.5	35	<.04	1.62	<.008	<.006	1.73
Station name	Aluminum, water, fltrd, ug/L (01106)	Antimony, water, fltrd, ug/L (01095)	Arsenic, water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium, water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)
NAWQA LUSCR1-21	25	<.20	<.2	16	.10	E5	<.04	E.5
NAWQA LUSRC1-17	27	<.20	<.2	79	E.06	E7	E.03	3.0
NAWQA LUSRC1-10	172	<.20	<.2	62	.17	16	<.04	<.8
NAWQA LUSRC1-20	36	<.20	<.2	153	.09	11	E.04	E.6
NAWQA LUSRC1-5	231	<.20	<.2	44	.10	<.8	<.04	E.5
NAWQA LUSRC1-3	8	<.20	<.2	23	E.03	E6	<.04	E.4

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

Station name	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mangan- ese, water, fltrd, ug/L (01056)	Molyb- denum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)
NAWQA LUSCR1-21	.609	E.3	20	<.08	2.3	3.5	<.4	1.65
NAWQA LUSRC1-17	.580	5.4	<6	.13	.7	9.1	<.4	.95
NAWQA LUSRC1-10	1.72	8.5	<6	.35	1.7	21.3	<.4	1.02
NAWQA LUSRC1-20	1.39	3.3	<6	.18	1.2	40.0	<.4	.50
NAWQA LUSRC1-5	.413	1.1	<6	.09	E.5	2.7	<.4	.64
NAWQA LUSRC1-3	.170	E.3	557	E.05	E.6	2.5	<.4	.30
Station name	Selen- ium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Stront- ium, water, fltrd, ug/L (01080)	Thall- ium, water, fltrd, ug/L (01057)	Vanad- ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	1-Naph- thol, water, fltrd, 0.7u GF ug/L (49295)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)
NAWQA LUSCR1-21	<.4	<.2	7.78	<.04	E.1	1.1	<.09	<.006
NAWQA LUSRC1-17	<.4	<.2	27.8	<.04	<.1	2.7	<.09	<.006
NAWQA LUSRC1-10	<.4	<.2	19.4	<.04	<.1	2.8	<.09	<.006
NAWQA LUSRC1-20	.4	<.2	60.6	E.04	<.1	2.0	<.09	<.006
NAWQA LUSRC1-5	<.4	<.2	5.34	<.04	<.1	1.9	<.09	<.006
NAWQA LUSRC1-3	<.4	<.2	9.90	<.04	<.1	.7	<.09	<.006
Station name	2Chloro -2',6'- diethyl acet- anilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl -6- methyl- aniline water, fltrd, ug/L (61620)	3,4-Di- chloro- aniline water, fltrd, ug/L (61625)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	Atra- zine, water, fltrd, ug/L (39632)
NAWQA LUSCR1-21	<.005	<.006	<.004	<.004	<.006	<.006	<.005	<.007
NAWQA LUSRC1-17	<.005	E.029	<.004	<.004	<.006	<.006	<.005	.213
NAWQA LUSRC1-10	<.005	E.065	<.004	<.004	<.006	<.011	<.005	.015
NAWQA LUSRC1-20	<.005	E.026	<.004	<.004	<.006	<.006	<.005	.062
NAWQA LUSRC1-5	<.005	E.081	<.004	<.004	<.006	<.006	<.005	<.007
NAWQA LUSRC1-3	<.005	E.019	<.004	<.004	<.006	<.006	<.005	<.007
Station name	Azin- phos- methyl oxon, water, fltrd, ug/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyflu- thrin, water, fltrd, ug/L (61585)
NAWQA LUSCR1-21	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008
NAWQA LUSRC1-17	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008
NAWQA LUSRC1-10	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008
NAWQA LUSRC1-20	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008
NAWQA LUSRC1-5	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008
NAWQA LUSRC1-3	<.07	<.050	<.010	<.041	<.06	<.005	<.006	<.008
Station name	Cyper- methrin water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipro- nil, water, fltrd, ug/L (62170)	Diaz- inon oxon, water, fltrd, ug/L (61638)	Diazi- non, water, fltrd, ug/L (39572)	Dicro- tophos, water fltrd, ug/L (38454)	Diel- drin, water, fltrd, ug/L (39381)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)
NAWQA LUSCR1-21	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006
NAWQA LUSRC1-17	<.009	<.003	<.012	<.01	<.005	<.08	.014	<.006
NAWQA LUSRC1-10	<.009	<.005	<.012	<.01	<.005	<.08	E.007	<.006
NAWQA LUSRC1-20	<.009	<.003	<.012	<.01	<.005	<.08	.011	<.006
NAWQA LUSRC1-5	<.009	<.003	<.012	<.01	<.005	<.08	.313	<.006
NAWQA LUSRC1-3	<.009	<.003	<.012	<.01	<.005	<.08	<.009	<.006

GROUND-WATER QUALITY DATA COLLECTED DURING SHORT-TERM STUDIES

NATIONAL WATER-QUALITY ASSESSMENT PROGRAM

MOBILE RIVER STUDY UNIT

MULTIPLE STATION ANALYSES

Station name		Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Fenami-phos sulfone water, fltrd, ug/L (61645)	Fenami-phos sulf-oxide, water, fltrd, ug/L (61646)	Fenami-phos, water, fltrd, ug/L (61591)	Desulf- inyl-fipro-nil amide, wat flt ug/L (62169)	Fipro-nil sulfide water, fltrd, ug/L (62167)	Fipro-nil sulfone water, fltrd, ug/L (62168)
NAWQA LUSCR1-21		<.0020	<.004	<.049	--	<.03	<.029	<.013	<.024
NAWQA LUSRC1-17		<.0020	<.004	<.049	<.04	<.03	<.029	<.013	E.008
NAWQA LUSRC1-10		<.0020	<.004	<.049	<.04	<.03	<.029	<.013	<.024
NAWQA LUSRC1-20		<.0020	<.004	<.049	--	<.03	<.029	.021	.327
NAWQA LUSRC1-5		<.0020	<.004	<.049	<.04	<.03	<.029	<.013	<.024
NAWQA LUSRC1-3		<.0020	<.004	<.049	<.04	<.03	<.029	<.013	<.024
Station name		Fipro-nil, water, fltrd, ug/L (62166)	Fonofos oxon, water, fltrd, ug/L (61649)	Fonofos water, fltrd, ug/L (04095)	Hexa-zinone, water, fltrd, ug/L (04025)	lpro-dione, water, fltrd, ug/L (61593)	Isofen-phos, water, fltrd, ug/L (61594)	Malax-on, water, fltrd, ug/L (61652)	Malax- thion, water, fltrd, ug/L (39532)
NAWQA LUSCR1-21		<.016	<.003	<.003	<.013	<.387	<.003	<.030	<.027
NAWQA LUSRC1-17		E.011	<.003	<.003	<.013	<.387	<.003	<.030	<.027
NAWQA LUSRC1-10		<.016	<.003	<.003	<.013	<.387	<.003	<.030	<.027
NAWQA LUSRC1-20		E.137	<.003	<.003	<.013	<.387	<.003	<.030	<.027
NAWQA LUSRC1-5		<.016	<.003	<.003	<.013	<.387	<.003	<.030	<.027
NAWQA LUSRC1-3		<.016	<.003	<.003	<.013	<.387	<.003	<.030	<.027
Station name		Meta-laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	Methyl para-oxon, water, fltrd, ug/L (61664)	Methyl para-thion, water, fltrd, 0.7u GF ug/L (82667)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Myclo-butanil water, fltrd, ug/L (61599)	Pendi-meth-alin, water, fltrd, 0.7u GF ug/L (82683)
NAWQA LUSCR1-21		<.005	<.006	<.03	<.015	<.006	<.006	<.008	<.022
NAWQA LUSRC1-17		<.005	<.006	<.03	<.015	<.006	<.006	.021	<.022
NAWQA LUSRC1-10		<.005	<.006	<.03	<.015	<.006	<.006	<.008	<.030
NAWQA LUSRC1-20		.020	<.006	<.03	<.015	<.006	<.006	<.008	<.022
NAWQA LUSRC1-5		<.005	<.006	<.03	<.015	<.006	<.006	<.008	<.022
NAWQA LUSRC1-3		<.005	<.006	<.03	<.015	<.006	<.006	<.008	<.022
Station name		Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propy-zamide, water, fltrd 0.7u GF ug/L (82676)	Sima-zine, water, fltrd, ug/L (04035)
NAWQA LUSCR1-21		<.10	<.011	--	<.008	<.01	<.005	<.004	<.005
NAWQA LUSRC1-17		<.10	<.011	<.05	<.008	<.01	<.005	<.004	.152
NAWQA LUSRC1-10		<.10	<.011	--	<.008	<.01	<.005	<.004	<.005
NAWQA LUSRC1-20		<.10	<.011	<.05	<.008	<.01	<.005	<.004	.258
NAWQA LUSRC1-5		<.10	<.011	<.05	<.008	<.01	<.005	<.004	<.005
NAWQA LUSRC1-3		<.10	<.011	<.05	<.008	<.01	<.005	<.004	<.005
Station name		Tebu-thiuron water fltrd 0.7u GF ug/L (82670)	Terbufos oxon sulfone water, fltrd, ug/L (61674)	Terbu-fos, water, fltrd 0.7u GF ug/L (82675)	Ter-buthyl-azine, water, fltrd, ug/L (04022)	Tri-flur-alin, water, fltrd 0.7u GF ug/L (82661)	1,1,1,2-Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfltrd ug/L (34516)
NAWQA LUSCR1-21		<.02	<.07	<.02	<.01	<.009	<.03	<.03	<.08
NAWQA LUSRC1-17		<.02	<.07	<.02	<.01	<.009	<.03	<.03	<.08
NAWQA LUSRC1-10		<.02	<.07	<.02	<.01	E.005	<.03	<.03	<.08
NAWQA LUSRC1-20		<.02	<.07	<.02	<.01	<.009	<.03	<.03	<.08
NAWQA LUSRC1-5		<.02	<.07	<.02	<.01	<.009	<.03	<.03	<.08
NAWQA LUSRC1-3		<.02	<.07	<.02	<.01	<.009	<.03	<.03	<.08

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Station name	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri- chloro- ethane, water, unfltrd ug/L (34511)	1,1-Di- chloro- ethane, water, unfltrd ug/L (34496)	1,1-Di- chloro- ethene, water, unfltrd ug/L (34501)	1,1-Di- chloro- propene water unfltrd ug/L (77168)	1,2,3,4 Tetra- methyl- benzene water unfltrd ug/L (49999)	1,2,3,5 Tetra- methyl- benzene water unfltrd ug/L (50000)	1,2,3- Tri- chloro- benzene water unfltrd ug/L (77613)
NAWQA LUSRC1-21	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2
NAWQA LUSRC1-17	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2
NAWQA LUSRC1-10	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2
NAWQA LUSRC1-20	<.04	<.04	<.04	E.02	<.03	<.1	<.1	<.2
NAWQA LUSRC1-5	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2
NAWQA LUSRC1-3	<.04	<.04	<.04	<.02	<.03	<.1	<.1	<.2
Station name	1,2,3- Tri- chloro- propane water unfltrd ug/L (77443)	1,2,3- Tri- methyl- benzene water unfltrd ug/L (77221)	1,2,4- Tri- chloro- benzene water unfltrd ug/L (34551)	1,2,4- Tri- methyl- benzene water unfltrd ug/L (77222)	Dibromo- chloro- propane water unfltrd ug/L (82625)	1,2-Di- bromo- ethane, water, unfltrd ug/L (77651)	1,2-Di- chloro- benzene water unfltrd ug/L (34536)	1,2-Di- chloro- ethane, water, unfltrd ug/L (32103)
NAWQA LUSRC1-21	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1
NAWQA LUSRC1-17	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1
NAWQA LUSRC1-10	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1
NAWQA LUSRC1-20	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1
NAWQA LUSRC1-5	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1
NAWQA LUSRC1-3	<.18	<.1	<.1	<.06	<.5	<.04	<.05	<.1
Station name	1,2-Di- chloro- propane water unfltrd ug/L (34541)	1,3,5- Tri- methyl- benzene water unfltrd ug/L (77226)	1,3-Di- chloro- benzene water unfltrd ug/L (34566)	1,3-Di- chloro- propane water unfltrd ug/L (77173)	1,4-Di- chloro- benzene water unfltrd ug/L (34571)	2,2-Di- chloro- propane water unfltrd ug/L (77170)	2- Chloro- toluene water unfltrd ug/L (77275)	2- Ethyl- toluene water unfltrd ug/L (77220)
NAWQA LUSRC1-21	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06
NAWQA LUSRC1-17	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06
NAWQA LUSRC1-10	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06
NAWQA LUSRC1-20	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06
NAWQA LUSRC1-5	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06
NAWQA LUSRC1-3	<.03	<.04	<.03	<.1	<.03	<.05	<.04	<.06
Station name	3- Chloro- propene water unfltrd ug/L (78109)	4- Chloro- toluene water unfltrd ug/L (77277)	4-Iso- propyl- toluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Acrylo- nitrile water unfltrd ug/L (34215)	Benzene water unfltrd ug/L (34030)	Bromo- benzene water unfltrd ug/L (81555)	Bromo- chloro- methane water unfltrd ug/L (77297)
NAWQA LUSRC1-21	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12
NAWQA LUSRC1-17	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12
NAWQA LUSRC1-10	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12
NAWQA LUSRC1-20	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12
NAWQA LUSRC1-5	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12
NAWQA LUSRC1-3	<.50	<.05	<.08	<6	<.8	<.02	<.03	<.12
Station name	Bromo- di- chloro- methane water unfltrd ug/L (32101)	Bromo- ethene, water, unfltrd ug/L (50002)	Bromo- methane water unfltrd ug/L (34413)	Carbon di- sulfide water unfltrd ug/L (77041)	Chloro- benzene water unfltrd ug/L (34301)	Chloro- ethane, water, unfltrd ug/L (34311)	Chloro- methane water unfltrd ug/L (34418)	cis- 1,2-Di- chloro- ethene, water, unfltrd ug/L (77093)
NAWQA LUSRC1-21	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02
NAWQA LUSRC1-17	E.08	<.1	<.3	<.04	<.03	<.1	<.2	<.02
NAWQA LUSRC1-10	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02
NAWQA LUSRC1-20	E.09	<.1	<.3	<.04	<.03	<.1	<.2	<.02
NAWQA LUSRC1-5	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02
NAWQA LUSRC1-3	<.03	<.1	<.3	<.04	<.03	<.1	<.2	<.02

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Station name	cis-1,3-Dichloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-bromo-methane water unfltrd ug/L (30217)	Di-chloro-di-fluoro-methane wat unfltrd ug/L (34668)	Di-chloro-methane water unfltrd ug/L (34423)	Di-ethyl ether, water, unfltrd ug/L (81576)	Diiso-propyl ether, water, unfltrd ug/L (81577)	Ethyl methacrylate, water, unfltrd ug/L (73570)
NAWQA LUSCR1-21	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
NAWQA LUSRC1-17	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
NAWQA LUSRC1-10	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
NAWQA LUSRC1-20	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
NAWQA LUSRC1-5	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
NAWQA LUSRC1-3	<.05	<.1	<.05	<.18	<.1	<.1	<.10	<.2
Station name	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iodo-methane water unfltrd ug/L (77424)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Iso-propyl-benzene water unfltrd ug/L (77223)	Methyl acrylo-nitrile water unfltrd ug/L (81593)
NAWQA LUSCR1-21	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4
NAWQA LUSRC1-17	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4
NAWQA LUSRC1-10	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4
NAWQA LUSRC1-20	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4
NAWQA LUSRC1-5	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4
NAWQA LUSRC1-3	<2.0	<.03	<.1	<.1	<.50	<.4	<.04	<.4
Station name	Methyl acrylate, water, unfltrd ug/L (49991)	Methyl methacrylate, water, unfltrd ug/L (81597)	Methyl tert-pentyl ether, water, unfltrd ug/L (50005)	meta- + para-Xylene, water, unfltrd ug/L (85795)	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)
NAWQA LUSCR1-21	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04
NAWQA LUSRC1-17	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04
NAWQA LUSRC1-10	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04
NAWQA LUSRC1-20	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04
NAWQA LUSRC1-5	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04
NAWQA LUSRC1-3	<1.0	<.2	<.04	<.06	<.5	<.4	<.1	<.04
Station name	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	t-Butyl ethyl ether, water, unfltrd ug/L (50004)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)
NAWQA LUSCR1-21	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06
NAWQA LUSRC1-17	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06
NAWQA LUSRC1-10	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06
NAWQA LUSRC1-20	<.04	<.06	<.04	<.03	<.1	<.06	E.02	<.06
NAWQA LUSRC1-5	<.04	<.06	<.04	<.03	<.1	<.06	<.03	<.06
NAWQA LUSRC1-3	<.04	<.06	<.04	<.03	<.1	<.06	E.02	<.06
Station name	Tetrahydro-furan, water, unfltrd ug/L (81607)	Toluene water unfltrd ug/L (34010)	trans-1,2-Dichloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Dichloro-propene water unfltrd ug/L (34699)	trans-1,4-Dichloro-2-butene, wat unfltrd ug/L (73547)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)
NAWQA LUSCR1-21	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08
NAWQA LUSRC1-17	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08
NAWQA LUSRC1-10	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08
NAWQA LUSRC1-20	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08
NAWQA LUSRC1-5	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08
NAWQA LUSRC1-3	<1	<.02	<.03	<.09	<.7	<.10	<.04	<.08

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Station name	Tri- chloro- methane water unfltrd ug/L (32106)	Vinyl chlor- ide, water, unfltrd ug/L (39175)	Di- chlor- vos, water fltrd, ug/L (38775)	Uranium natural water, fltrd, ug/L (22703)
NAWQA LUSCR1-21	E.01	<.1	<.01	<.04
NAWQA LUSRC1-17	.54	<.1	<.01	<.04
NAWQA LUSRC1-10	.54	<.1	<.01	.09
NAWQA LUSRC1-20	1.82	<.1	<.01	E.04
NAWQA LUSRC1-5	E.07	<.1	<.01	<.04
NAWQA LUSRC1-3	.18	<.1	<.01	<.04

PRECIPITATION-QUALITY DATA

322710087140401 PRECIPITATION STATION NEAR MARION JUNCTION, AL

LOCATION.--Lat 32°27'10", long 87°14'04", Hydrologic Unit 03150203, NE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 11, T. 17 N., R. 8 E., in Dallas County.

PERIOD OF RECORD.--August 1983 to current year.

INSTRUMENTATION.--An automatic wet-dry precipitation collector is used to collect 7-day accumulations. The collector is equipped with a precipitation sensor which activates a motor to operate the sample bucket cover. The sample bucket remains uncovered for the duration of each precipitation event and covered during dry periods. Dryfall samples are not collected. A standard 8.0-inch recording rain gage is used to obtain on-site precipitation records.

REMARKS.--Weekly samples are collected on Tuesday at 0700 a.m. These data are part of the data for this site verified by the National Atmospheric Deposition Program/National Trends Network (NADP/NTN) Coordinator. Additional data are available from the NADP/NTN Coordinator, Natural Resource Ecology Laboratory, Fort Collins, CO 80523. Finalized quality assured data from all 200 NADP/NTN sites are available on-line via the internet at <http://btdqs.usgs.gov/acidrain>.

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS

The following list contains discontinued and currently operated continuous-record streamflow stations on streams within the State of Alabama and near its border with adjacent States. Daily streamflow records were collected and published for the periods of record shown for each station. Some stations have monthly figures published for additional periods other than those noted in the period of record column.

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
02339225	Wehadkee Creek below Rock Mills	60.2	Oct. 01, 1978	to Jan. 31, 1990
02339500	Chattahoochee River at West Point, GA	3,550	Aug. 01, 1896	to Sept. 30, 2005
02341500	Chattahoochee River at Columbus, GA	4,670	Aug. 23, 1929	to Jan. 17, 2002
02341505	Chattahoochee River at GA 280 near Columbus, GA	4,670	Jan. 18, 2002	to Sept. 30, 2005
02342200	Phelps Creek near Opelika	6.67	Oct. 01, 1958	to Sept. 30, 1965
02342500	Uchee Creek near Fort Mitchell	322	Oct. 01, 1946	to Sept. 30, 2005
02342933	South Fork Cowikee Creek near Batesville	112	Oct. 01, 1963	to Sept. 30, 1971
			Oct. 01, 1974	to Sept. 30, 2005
02343000	Barbour Creek near Eufaula	95.4	Oct. 01, 1953	to Sept. 30, 1958
02343260	Chattahoochee River at Fort Gaines, GA	7,570	Oct. 01, 1960	to Sept. 30, 1962
02343300	Abbie Creek near Haleburg	146	Oct. 01, 1958	to Sept. 30, 1971
			Oct. 01, 1974	to Aug. 05, 1993
02343500	Chattahoochee River at Columbia	8,040	July 27, 1928	to Sept. 30, 1960
02343700	Stevenson Creek near Headland	14.0	Oct. 01, 1959	to Sept. 30, 1965
02343801	Chattahoochee River at Andrews Lock and Dam at Columbia	8,210	Oct. 01, 1975	to Sept. 30, 2005
02344000	Chattahoochee River at Alaga	8,340	May 01, 1938	to Dec. 31, 1944
			Oct. 01, 1960	to Sept. 30, 1970
02360000	West Fork Choctawhatchee River at Blue Springs	86.8	Oct. 01, 1943	to Sept. 30, 1953
02360500	East Fork Choctawhatchee River near Midland City	291	June 01, 1952	to Sept. 30, 1963
02361000	Choctawhatchee River near Newton	686	Dec. 01, 1921	to Sept. 30, 1927
			June 01, 1935	to Sept. 30, 2005
02361500	Choctawhatchee River near Bellwood	1,280	Dec. 01, 1921	to Oct. 31, 1925
			Dec. 07, 2000	to Sept. 30, 2005
02362000	Choctawhatchee River near Geneva	1,346	Oct. 01, 1922	to Nov. 30, 1925
02362240	Little Double Bridges Creek near Enterprise	21.4	Aug. 07, 1985	to Sept. 30, 2005
02363000	Pea River near Arton	498	Oct. 01, 1938	to Sept. 30, 1970
			Oct. 01, 1987	to Sept. 30, 2005
02363500	Whitewater Creek at Elba	315	Oct. 01, 1943	to Sept. 30, 1945
02364500	Pea River near Samson	1,180	Sept. 01, 1904	to Aug. 31, 1913
			Oct. 01, 1922	to Sept. 30, 1925
			Oct. 01, 1935	to Sept. 30, 1970
			Oct. 01, 2002	to Sept. 30, 2005
02364570	Panther Creek near Hacoda	26.2	Oct. 01, 1974	to Sept. 30, 1995
02365000	Pea River near Geneva	1,550	Aug. 01, 1922	to Sept. 30, 1925
02367500	Lightwood Knot Creek at Babbie	114	Mar. 01, 1944	to Apr. 30, 1953
02367800	Yellow River near Wing	461	Oct. 01, 1958	to Sept. 30, 1967
02369800	Blackwater River near Bradley	87.7	Oct. 01, 1967	to Sept. 30, 2005
02371000	Conecuh River near Troy	257	Oct. 01, 1943	to Sept. 30, 1953
02371200	Indian Creek near Troy	8.87	Oct. 01, 1958	to Sept. 30, 1968
			Oct. 01, 1970	to Sept. 30, 1986
02371470	Sandy Creek near Brantley	4.43	Oct. 01, 1989	to Sept. 30, 1992
02371500	Conecuh River at Brantley	500	Oct. 01, 1937	to Sept. 30, 2005
02372000	Patsaliga Creek at Luverne	254	Oct. 01, 1943	to Sept. 30, 1958
02372250	Patsaliga Creek near Brantley	442	Oct. 01, 1974	to Sept. 30, 2005
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	June 17, 1999	to Sept. 30, 2005
02372500	Conecuh River near Andalusia	1,344	Sept. 01, 1904	to Dec. 31, 1919
			Oct. 01, 1929	to Sept. 30, 1952
			Oct. 01, 1965	to Sept. 30, 1968
02373000	Sepulga River near McKenzie	470	Oct. 01, 1937	to Sept. 30, 1967
			Oct. 01, 1974	to Sept. 30, 2005
02373500	Pigeon Creek near Thad	307	Oct. 01, 1937	to Sept. 30, 1970
02373800	Sepulga River at Brooklyn	1,020	June 26, 1975	to Sept. 30, 1983
02374000	Conecuh River near Brooklyn	2,490	June 01, 1935	to Dec. 31, 1957
02374250	Conecuh River at State Highway 41 near Brewton	2,661	Apr. 16, 1999	to Sept. 30, 2005
02374500	Murder Creek near Evergreen	176	Oct. 01, 1937	to Sept. 30, 2005
02374660	Murder Creek at Kirkland	329	Oct. 01, 1974	to Sept. 30, 1980
02374700	Murder Creek at Brewton	435	Mar. 26, 1999	to Sept. 30, 2005
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	Mar. 20, 1999	to Sept. 30, 2005
02374950	Big Escambia Creek at Sardine Bridge near Stanley Crossroads	193	May 24, 2000	to Sept. 30, 2005
02375000	Big Escambia Creek at Flomaton	330	Jan. 01, 1939	to Dec. 31, 1951
02375500	Escambia River near Century, FL	3,817	Oct. 01, 1934	to Sept. 30, 2004
02376500	Perdido River at Barrineau Park, FL	394	June 01, 1941	to Sept. 30, 2005
02377500	Styx River near Loxley	92.2	Oct. 01, 1951	to Sept. 30, 1969
			Oct. 01, 1970	to Sept. 30, 1971
02377570	Styx River near Elsanor	192	Oct. 01, 1987	to Sept. 30, 2005
02377960	Blackwater River near Elsanor	56.6	Oct. 01, 1987	to Sept. 30, 1991

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record			
02378300	Magnolia River at U.S. Highway 98 near Foley	16.6	Jul. 21, 1999	to	Sept. 30, 2005	
02378500	Fish River near Silver Hill	55.3	July 01, 1953	to	Sept. 30, 1969	
			Oct. 01, 1970	to	Sept. 30, 1971	
			Nov. 20, 1986	to	Sept. 30, 2005	
02398037	Chattooga River at Chattoogaville, GA	281	Dec. 15, 1999	to	Feb. 10, 2003	
02398195	Mills Creek near Chesterfield	9.53	Oct. 01, 1978	to	Sept. 30, 1985	
02398250	Mills Creek near Dewey	67.6	Oct. 01, 2000	to	Feb. 10, 2004	
02398300	Chattooga River above Gaylesville	366	Jan. 01, 1959	to	Sept. 30, 1967	
			Oct. 01, 1984	to	Sept. 30, 2005	
02398500	Chattooga River at Gaylesville	379	June 01, 1937	to	Sept. 30, 1960	
02398950	West Fork Little River at DeSoto State Park near Fort Payne	42.8	Oct. 01, 1997	to	Sept. 30, 2005	
02399000	Little River near Jamestown	125	Feb. 01, 1922	to	Mar. 31, 1932	
			June 01, 1935	to	Sept. 30, 1949	
02399200	Little River near Blue Pond	199	Oct. 01, 1958	to	Sept. 30, 1967	
			Oct. 01, 1970	to	Sept. 30, 2005	
02399500	Coosa River at Leesburg	5,270	Oct. 01, 1937	to	Sept. 30, 1958	
02399800	Little Terrapin Creek near Borden Springs	15.4	Oct. 01, 1960	to	Sept. 30, 1965	
02400000	Terrapin Creek near Piedmont	116	Oct. 01, 1944	to	Sept. 30, 1954	
			Oct. 01, 1956	to	Sept. 30, 1963	
02400100	Terrapin Creek at Ellisville	252	Oct. 01, 1962	to	Sept. 30, 1967	
			Oct. 01, 1980	to	Sept. 30, 2005	
02400500	Coosa River at Gadsden	5,805	Oct. 01, 1926	to	Sept. 30, 1976	
02400680	Big Wills Creek at State Highway 35 near Fort Payne	55.4	Oct. 01, 2002	to	Sept. 30, 2005	
02401000	Big Wills Creek near Reece City	182	Oct. 01, 1943	to	Sept. 30, 1970	
			Oct. 01, 1986	to	Sept. 30, 2005	
02401370	Big Canoe Creek near Springville	45.0	Oct. 01, 1978	to	May 10, 1995	
02401387	Muckleroy Spring near Whitney	--	Apr. 01, 1969	to	Sept. 30, 1974	
02401390	Big Canoe Creek at Ashville	141	Oct. 01, 1965	to	Sept. 30, 2005	
02401450	Gulf Creek near Steele	9.88	Oct. 01, 1976	to	Sept. 30, 1979	
02401460	Gulf Creek near Ashville	14.3	Oct. 01, 1978	to	Sept. 30, 1985	
02401470	Little Canoe Creek near Steele	22.3	Apr. 01, 1982	to	May 10, 1995	
02401500	Big Canoe Creek near Gadsden	253	Jan. 01, 1938	to	Aug. 31, 1938	
			Feb. 01, 1939	to	Sept. 30, 1965	
02401700	Ohatchee Creek at Reads	39.7	Oct. 01, 1956	to	Sept. 30, 1960	
02401800	Tallassee-hatchee Creek near Wellington	92.2	Oct. 01, 1956	to	Sept. 30, 1960	
02402500	Coosa River at Riverside	7,070	Oct. 01, 1896	to	Sept. 30, 1916	
02403200	Choccolocco Creek at Choccolocco	121	Oct. 01, 1956	to	Sept. 30, 1960	
02403310	Choccolocco Creek near Boiling Spring	191	Oct. 01, 2002	to	Sept. 30, 2005	
02403395	Choccolocco Creek at Oxford	222	May 26, 1999	to	Sept. 30, 2003	
02403500	Coldwater Spring near Anniston	--	Apr. 01, 1957	to	Sept. 30, 1996	
02404000	Choccolocco Creek near Jenifer	277	Aug. 20, 1903	to	Feb. 03, 1908	
			Oct. 01, 1929	to	Mar. 31, 1932	
			Oct. 01, 1935	to	Sept. 30, 1970	
02404400	Choccolocco Creek at Jackson Shoals near Lincoln	481	Oct. 01, 1960	to	Sept. 30, 1967	
			Oct. 01, 1984	to	Sept. 30, 2005	
02404500	Choccolocco Creek near Lincoln	496	Oct. 01, 1938	to	Sept. 30, 1953	
02405000	Coosa River near Cropwell	7,663	Oct. 01, 1941	to	Sept. 30, 1958	
02405500	Kelly Creek near Vincent	193	Dec. 01, 1951	to	Sept. 30, 1970	
			Oct. 01, 1986	to	Sept. 30, 2005	
02405800	Talladega Creek above Talladega	69.6	June 01, 1959	to	Sept. 30, 1970	
02406000	Talladega Creek near Talladega	101	Oct. 01, 1952	to	Sept. 30, 1962	
02406500	Talladega Creek at Alpine	150	Aug. 17, 1900	to	Dec. 31, 1904	
			Oct. 01, 1939	to	Sept. 30, 1951	
			Oct. 01, 1987	to	Sept. 30, 2005	
02407000	Coosa River at Childersburg	8,390	Oct. 01, 1913	to	Sept. 30, 1978	
02407500	Yellowleaf Creek near Wilsonville	96.5	Jan. 01, 1951	to	Sept. 30, 1967	
02407900	Paint Creek near Marble Valley	12.7	Aug. 01, 1959	to	Sept. 30, 1965	
02408000	Coosa River (old lock 12) near Clanton	9,053	Oct. 01, 1912	to	Sept. 30, 1914	
02408500	Hatchet Creek near Rockford	233	Oct. 01, 1944	to	Feb. 28, 1979	
02408540	Hatchet Creek below Rockford	263	Oct. 01, 1980	to	Sept. 30, 2005	
02409000	Weogufka Creek near Weogufka	73.4	Jan. 01, 1951	to	Sept. 30, 1958	
02409500	Coosa River above Verbena	9,778	Oct. 01, 1925	to	Oct. 31, 1925	
			Jan. 01, 1926	to	July 31, 1928	
02410000	Paterson Creek near Central	4.91	Oct. 01, 1953	to	Sept. 30, 1987	
02411000	Coosa River at Jordan Dam near Wetumpka	10,102	Oct. 01, 1912	to	Sept. 30, 1914	
			Oct. 01, 1925	to	Nov. 30, 1925	
			Feb. 01, 1926	to	Sept. 30, 2005	
02411930	Tallapoosa River below Tallapoosa, GA	272	Dec. 13, 1999	to	Sept. 30, 2004	
02412000	Tallapoosa River near Heflin	448	July 01, 1952	to	Sept. 30, 2005	
02412177	Cahulga Creek at Heflin	9.40	July 31, 1986	to	Sept. 30, 1988	
02412500	Tallapoosa River near Ofelia	792	Jan. 01, 1939	to	Dec. 31, 1951	
02413210	Little Tallapoosa River below Bowdon, GA	245	Dec. 12, 1999	to	Sept. 30, 2004	

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record			
02413300	Little Tallapoosa River near Newell	406	Oct. 01, 1975	to	Sept. 30, 2005	
02413400	Wedowee Creek above Wedowee	6.87	June 01, 1959	to	Sept. 30, 1966	
			Oct. 01, 1967	to	June 30, 1968	
02413500	Little Tallapoosa River near Wedowee	591	Oct. 01, 1939	to	Dec. 31, 1951	
02414000	Tallapoosa River near Cragford	1,450	Nov. 01, 1922	to	Sept. 30, 1929	
02414500	Tallapoosa River at Wadley	1,675	Oct. 01, 1923	to	Sept. 30, 2005	
02414525	High Pine Creek near Roanoke	21.3	Aug. 21, 1998	to	Sept. 30, 2001	
02414715	Tallapoosa River near New Site	2,058	Nov. 15, 1985	to	Sept. 30, 2005	
02414800	Harbuck Creek near Hackneyville	7.97	Oct. 01, 1958	to	Sept. 30, 1968	
02415000	Hillabee Creek near Hackneyville	190	July 01, 1952	to	Sept. 30, 1970	
			Oct. 01, 1985	to	Sept. 30, 2005	
02416000	Tallapoosa River at Sturdivant	2,480	Oct. 01, 1900	to	July 31, 1926	
02416500	Big Sandy Creek near Dadeville	195	Aug. 01, 1900	to	Dec. 31, 1901	
02418000	Tallapoosa River at Cherokee Bluff near Tallassee	3,015	Oct. 01, 1912	to	Sept. 30, 1914	
			Oct. 01, 1922	to	Mar. 31, 1928	
02418230	Sougahatchee Creek near Loachapoka	71.3	Nov. 09, 1999	to	Sept. 30, 2005	
02418500	Tallapoosa River below Tallassee	3,328	Oct. 01, 1928	to	Sept. 30, 2005	
02418760	Chewacla Creek at Chewacla State Park near Auburn	45.8	Oct. 08, 2002	to	Sept. 30, 2005	
02419000	Uphapee Creek near Tuskegee	333	Oct. 01, 1939	to	Sept. 30, 1970	
			Oct. 01, 1974	to	Sept. 30, 2005	
02419500	Tallapoosa River at Milstead	3,770	Sept. 01, 1897	to	Sept. 30, 1902	
02419890	Tallapoosa River near Montgomery	4,646	Oct. 01, 1995	to	Sept. 30, 2005	
02419977	Three Mile Branch at North Boulevard at Montgomery	8.79	Oct. 01, 1998	to	Sept. 30, 2001	
02420000	Alabama River near Montgomery	15,087	Oct. 01, 1927	to	Sept. 30, 1990	
			Oct. 01, 2001	to	Sept. 30, 2005	
02420500	Autauga Creek at Prattville	116	Jan. 01, 1939	to	Sept. 30, 1959	
02421000	Catoma Creek near Montgomery	290	July 01, 1952	to	Sept. 30, 1971	
			Oct. 01, 1974	to	Sept. 30, 2005	
02421115	Pintlalla Creek at Liberty Church Road near Pintlalla	59.3	Oct. 01, 1998	to	Sept. 30, 2001	
02421300	Ivy Creek at Mulberry	10.7	Oct. 01, 1960	to	Sept. 30, 1965	
02421500	Big Swamp Creek near Hayneville	123	Jan. 01, 1939	to	Sept. 30, 1946	
02422000	Big Swamp Creek near Lowndesboro	244	Oct. 01, 1940	to	Sept. 30, 1971	
02422500	Mulberry Creek at Jones	203	Oct. 01, 1938	to	Sept. 30, 1970	
			Oct. 01, 1974	to	Sept. 30, 2005	
02423000	Alabama River at Selma	17,095	Jan. 01, 1900	to	Dec. 31, 1913	
			Oct. 01, 1928	to	Sept. 30, 1970	
02423130	Cahaba River at Trussville	19.7	Oct. 01, 1988	to	Sept. 30, 2005	
02423190	Big Black Creek near Leeds	39.3	Jan. 01, 1999	to	Jan. 31, 2001	
02423380	Cahaba River near Mountain Brook	140	Oct. 01, 1980	to	Sept. 30, 1981	
			June 01, 1984	to	Sept. 30, 2005	
02423397	Little Cahaba River below Leeds	17.0	June 16, 1995	to	Sept. 30, 2005	
02423398	Little Cahaba River near Leeds	19.4	Oct. 01, 1980	to	Sept. 30, 1981	
			May 01, 1988	to	Sept. 30, 2005	
02423400	Little Cahaba River near Jefferson Park	24.4	July 23, 1986	to	Feb. 17, 2000	
0242340550	Cox Creek near Cahaba Heights	3.19	July 24, 1986	to	Apr. 02, 1991	
02423410	Little Cahaba River below Lake Purdy Dam near Cahaba Heights	42.7	Oct. 01, 1984	to	Feb. 06, 2000	
02423414	Little Cahaba River at Cahaba Beach Road near Cahaba Heights	47.1	Aug. 01, 2003	to	Sept. 30, 2005	
02423425	Cahaba River near Cahaba Heights	201	Aug. 01, 1975	to	Sept. 30, 1985	
			Jul. 27, 1996	to	Sept. 30, 2005	
02423496	Cahaba River near Hoover	226	May 01, 1988	to	Sept. 30, 2005	
02423500	Cahaba River near Acton	230	Oct. 01, 1938	to	Sept. 30, 1957	
			Oct. 01, 1983	to	Sept. 30, 2005	
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	25.6	Oct. 01, 1998	to	Sept. 30, 2005	
02423555	Cahaba River near Helena	335	Oct. 01, 1995	to	Sept. 30, 2005	
02423586	Shades Creek near Homewood	27.1	Feb. 23, 2001	to	Sept. 30, 2005	
02423630	Shades Creek near Greenwood	72.3	Oct. 01, 1964	to	Sept. 30, 1965	
			Oct. 01, 1966	to	Sept. 30, 1973	
			Oct. 01, 1974	to	Sept. 30, 1981	
			Oct. 01, 1997	to	Sept. 30, 2005	
02423647	Cahaba River near West Blocton	593	Oct. 01, 1975	to	Sept. 30, 1984	
02423800	Little Cahaba River near Brierfield	147	Dec. 01, 1957	to	Sept. 30, 1970	
02424000	Cahaba River at Centreville	1,027	Aug. 01, 1901	to	Feb. 05, 1908	
			May 01, 1929	to	Mar. 31, 1932	
			May 29, 1935	to	Sept. 30, 2005	
02424500	Cahaba River at Sprott	1,370	Oct. 01, 1938	to	Sept. 30, 1969	
02424590	Cahaba River at Suttle	1,480	Aug. 28, 1987	to	Sept. 30, 2005	
02424940	Oakmulgee Creek near Augustin	220	May 01, 1975	to	May 12, 1987	
02425000	Cahaba River near Marion Junction	1,766	Oct. 01, 1938	to	Sept. 30, 1954	
			Oct. 01, 1968	to	Sept. 30, 2005	
02425200	Big Swamp Creek near Orrville	35.8	Mar. 22, 1972	to	Sept. 30, 1985	
02425300	Butler County Pond Outlet near Greenville	.55	Oct. 01, 1955	to	Sept. 30, 1959	

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record			
02425500	Cedar Creek at Minter	211	July 01, 1952	to	Sept. 30, 1970	
			Oct. 01, 1974	to	Sept. 30, 1982	
02426000	Bogue Chitto Creek near Browns	95.4	Feb. 01, 1944	to	June 30, 1954	
			Oct. 01, 1965	to	Sept. 30, 1971	
02426500	Bogue Chitto Creek above Orrville	200	Oct. 01, 1938	to	Apr. 30, 1944	
02427000	Bogue Chitto Creek near Orrville	293	Feb. 01, 1944	to	Sept. 30, 1949	
02427250	Pine Barren Creek near Snow Hill	261	Oct. 01, 1989	to	Sept. 30, 2005	
02427300	Prairie Creek near Oak Hill	10.3	Oct. 01, 1959	to	Sept. 30, 1965	
02427500	Alabama River near Millers Ferry	20,600	Oct. 01, 1937	to	Sept. 30, 1954	
02427700	Turkey Creek at Kimbrough	97.5	Oct. 01, 1958	to	Sept. 30, 1996	
02428000	Alabama River near Coy	21,100	Oct. 01, 1928	to	Sept. 30, 1934	
02428300	Tallatchee Creek near Vredenburgh	13.2	Oct. 01, 1958	to	Sept. 30, 1965	
02428400	Alabama River at Claiborne Lock and Dam near Monroeville	21,473	Oct. 01, 1975	to	Sept. 30, 2005	
02428500	Big Flat Creek near Fountain	247	Oct. 01, 1943	to	Sept. 30, 1970	
02429000	Limestone Creek near Monroeville	121	Jan. 01, 1952	to	Sept. 30, 1970	
02429500	Alabama River at Claiborne	21,967	Apr. 01, 1930	to	Sept. 30, 1975	
02429595	Little River near Uriah	95.2	Oct. 01, 1968	to	Sept. 30, 1979	
02437800	Barn Creek near Hackleburg	13.1	Oct. 01, 1959	to	Sept. 30, 1967	
02437810	Buttahatchee River above Pearces Mill	112	Oct. 01, 1980	to	Sept. 30, 1981	
02437900	Woods Creek near Hamilton	14.3	Oct. 01, 1959	to	Sept. 30, 1965	
02438000	Buttahatchee River below Hamilton	277	Jan. 01, 1951	to	Sept. 30, 1970	
			Oct. 01, 1990	to	Sept. 30, 2005	
02438500	Buttahatchee River near Hamilton	306	Oct. 01, 1941	to	Dec. 31, 1950	
02439000	Buttahatchee River near Sulligent	472	Mar. 01, 1939	to	Sept. 30, 1959	
02442000	Luxapallila Creek near Fayette	130	May 01, 1945	to	Sept. 30, 1970	
02442500	Luxapallila Creek at Millport	247	Aug. 01, 1954	to	Sept. 30, 1959	
			Dec. 01, 1980	to	Sept. 30, 1986	
			Oct. 01, 2001	to	Sept. 30, 2005	
02444000	Coal Fire Creek near Pickensville	126	Oct. 01, 1954	to	Sept. 30, 1971	
			Oct. 01, 1974	to	Sept. 30, 1980	
02444160	Tombigbee River at Bevill Lock and Dam near Pickensville	5,750	Oct. 01, 1980	to	Sept. 30, 2005	
02444490	Bogue Chitto Creek near Memphis	52.6	Oct. 01, 1998	to	Sept. 30, 2004	
02444500	Tombigbee River near Cochrane	5,940	Oct. 01, 1938	to	Mar. 31, 1978	
02445000	Lubbub Creek near Carrollton	112	Sept. 01, 1954	to	Sept. 30, 1964	
02445290	Sipsey River near Bazemore	138	Oct. 01, 1980	to	Sept. 30, 1981	
02445500	Sipsey River at Fayette	282	Feb. 01, 1939	to	Sept. 30, 1959	
02446000	Sipsey River at Moores Bridge	413	Feb. 01, 1939	to	Sept. 30, 1951	
02446500	Sipsey River near Elrod	528	Sept. 01, 1928	to	Mar. 31, 1932	
			Oct. 01, 1939	to	Sept. 30, 1971	
			Oct. 01, 1978	to	Sept. 30, 2005	
02447000	Sipsey River near Pleasant Ridge	769	Feb. 01, 1939	to	Sept. 30, 1959	
02447025	Tombigbee River at Heflin Lock and Dam near Gainesville	7,230	Mar. 17, 1978	to	Sept. 30, 2005	
02448500	Noxubee River near Geiger	1,097	Mar. 01, 1939	to	Sept. 30, 1940	
			Aug. 01, 1944	to	Sept. 30, 1965	
			Oct. 01, 1966	to	Sept. 30, 2005	
02448900	Bodka Creek near Geiger	158	Oct. 01, 1990	to	Sept. 30, 2005	
02449000	Tombigbee River at Gainesville	8,632	Oct. 01, 1938	to	Sept. 30, 1955	
			Oct. 01, 1960	to	Sept. 30, 1978	
02449245	Brush Creek near Eutaw	43.2	June 01, 1975	to	Sept. 30, 1997	
02449400	Jones Creek near Epes	11.8	June 01, 1959	to	Sept. 30, 1965	
02449500	Tombigbee River at Epes	8,930	Jan. 01, 1901	to	July 31, 1901	
			Sept. 01, 1901	to	Dec. 31, 1901	
			Jan. 01, 1905	to	Aug. 31, 1913	
			Oct. 01, 1938	to	Sept. 30, 1945	
02449775	Mulberry Fork near Holly Pond	110	Oct. 01, 1980	to	Sept. 30, 1981	
02449870	Blue Spring near Blountsville	--	Oct. 01, 1969	to	Sept. 30, 1974	
02449882	Blue Springs Creek near Blountsville	13.0	Oct. 01, 1992	to	Sept. 30, 2005	
02450000	Mulberry Fork near Garden City	365	Oct. 01, 1928	to	Sept. 30, 2005	
02450180	Mulberry Fork near Arkadelphia	487	Oct. 01, 1976	to	Sept. 30, 1986	
			Oct. 01, 1988	to	Sept. 30, 2005	
02450200	Dorsey Creek near Arkadelphia	13.0	Oct. 01, 1958	to	Feb. 06, 1967	
			May 31, 1967	to	Sept. 30, 1967	
02450215	Dorsey Creek below Arkadelphia	26.0	Oct. 01, 1978	to	Sept. 30, 1981	
02450250	Sipsey Fork near Grayson	92.1	Oct. 01, 1966	to	Sept. 30, 2005	
02450500	Sipsey Fork near Falls City	360	June 01, 1943	to	Dec. 31, 1954	
02450825	Clear Creek at New Hope Church near Popular Springs	101	Oct. 01, 1980	to	Sept. 30, 1981	
			Oct. 01, 1993	to	Sept. 30, 2005	
02451000	Clear Creek at Falls City	149	Oct. 01, 1939	to	Nov. 30, 1954	
02451500	Sipsey Fork near Arley	524	Feb. 01, 1936	to	Sept. 30, 1945	

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record			
02452000	Sipsey Fork near Jasper	969	July 01, 1952	to	Sept. 30, 1960	
02452500	Sipsey Fork near Sipsey	992	Oct. 01, 1928	to	Mar. 31, 1932	
			July 01, 1932	to	Sept. 30, 1937	
02453000	Blackwater Creek near Manchester	181	Oct. 01, 1938	to	Sept. 30, 1971	
			Oct. 01, 1979	to	Sept. 30, 1982	
			Oct. 01, 1988	to	Sept. 30, 2005	
02453390	Town Creek at 26th Street at Jasper	11.8	Jan. 01, 1995	to	Sept. 30, 1997	
02453500	Mulberry Fork at Cordova	1,916	June 01, 1900	to	Dec. 31, 1912	
02453835	Trinity Creek near Carbon Hill	2.68	Oct. 01, 1978	to	Sept. 30, 1982	
02454000	Lost Creek Near Oakman	134	Oct. 01, 1951	to	Sept. 30, 1966	
			Oct. 01, 1979	to	Sept. 30, 1981	
02454055	Lost Creek above Parrish	143	Oct. 01, 1992	to	Sept. 30, 2005	
02454200	Wolf Creek near Oakman	85.0	Oct. 01, 1959	to	Sept. 30, 1969	
02454420	Cove Spring near Walnut Grove	--	Oct. 01, 1969	to	Sept. 30, 1974	
02454500	Locust Fork below Snead	147	Oct. 01, 1952	to	Sept. 30, 1957	
02454995	Graves Creek below Blountsville	13.0	Oct. 01, 1997	to	Apr. 30, 2000	
02455000	Locust Fork near Cleveland	303	Dec. 01, 1936	to	Sept. 30, 1986	
			Oct. 01, 1992	to	Sept. 30, 2005	
02455185	Blackburn Fork Little Warrior River near Holly Springs	36.1	Jan. 31, 1998	to	Mar. 05, 2000	
02455280	Little Warrior River near Locust Fork	186	Oct. 01, 1992	to	Sept. 30, 1997	
02455500	Locust Fork at Trafford	624	Oct. 01, 1930	to	Sept. 30, 1969	
			Oct. 01, 1992	to	Sept. 30, 1997	
02455900	Locust Fork at Warrior	707	Oct. 01, 2001	to	Sept. 30, 2005	
02455980	Turkey Creek at Sewage Plant near Pinson	27.4	July 01, 1988	to	Sept. 30, 2005	
02456000	Turkey Creek at Morris	80.9	Jan. 01, 1944	to	Sept. 30, 1979	
			Mar. 16, 2002	to	Sept. 30, 2005	
02456330	Crooked Creek near Morris	16.2	Nov. 19, 1975	to	Sept. 30, 1988	
			Oct. 01, 1996	to	Sept. 30, 1997	
02456500	Locust Fork at Sayre	885	Oct. 01, 1928	to	Mar. 31, 1932	
			Oct. 01, 1941	to	Sept. 30, 2005	
02456980	Fivemile Creek at Lawson Road near Tarrant City	18.6	May 11, 1996	to	Sept. 30, 2001	
			Dec. 01, 2004	to	Sept. 30, 2005	
02456998	Barton Branch near Tarrant City	3.11	May 27, 1996	to	Sept. 30, 2001	
			Dec. 03, 2004	to	Sept. 30, 2005	
02457000	Fivemile Creek at Ketona	23.9	Oct. 01, 1953	to	Sept. 30, 1958	
			Dec. 01, 1974	to	Sept. 30, 1979	
			May 09, 1996	to	Sept. 30, 2005	
02457595	Fivemile Creek near Republic	51.9	May 21, 1988	to	Sept. 30, 2005	
02457670	Fivemile Creek below Prudes Creek near Graysville	91.7	Apr. 24, 1997	to	Sept. 30, 2005	
02458148	Village Creek at 86th Street North at Roebuck	4.10	Oct. 01, 1998	to	Sept. 30, 2005	
02458500	Village Creek at Apalachee Street in Birmingham	15.6	Oct. 01, 1998	to	Sept. 30, 2005	
02458300	Village Creek at 24th Street at Birmingham	26.0	June 01, 1988	to	Sept. 30, 2005	
02458450	Village Creek at Avenue W at Ensley	33.5	July 01, 1975	to	Sept. 30, 1979	
			July 08, 1988	to	Sept. 30, 2005	
02458502	Village Creek near Pratt City	36.7	Oct. 01, 1997	to	Sept. 30, 2005	
02458600	Village Creek near Docena	52.2	June 21, 1996	to	Sept. 30, 2005	
02460000	Village Creek near Mulga	73.6	Jan. 01, 1909	to	Dec. 31, 1909	
02460500	Village Creek near Adamsville	83.5	Oct. 01, 1953	to	Sept. 30, 1958	
			Aug. 01, 1964	to	Sept. 30, 1965	
			Feb. 01, 1973	to	Sept. 30, 1981	
02461130	Valley Creek at Center Street at Birmingham	7.00	Feb. 01, 2001	to	Sept. 30, 2005	
02461500	Valley Creek near Bessemer	52.5	May 14, 1975	to	Sept. 30, 1979	
			May 01, 1988	to	Sept. 30, 2005	
02461630	Halls Creek at Bessemer	7.30	Oct. 01, 1997	to	Sept. 30, 2003	
02461640	Valley Creek below Bessemer	61.4	Oct. 01, 1997	to	Sept. 30, 2005	
02462000	Valley Creek near Oak Grove	148	Oct. 01, 1953	to	Sept. 30, 1958	
			Oct. 01, 1964	to	Sept. 30, 1965	
			June 01, 1978	to	Sept. 30, 2005	
02462500	Black Warrior River at Bankhead Lock and Dam near Bessemer	3,979	Oct. 01, 1928	to	Sept. 30, 1936	
			Oct. 01, 1976	to	Sept. 30, 2005	
02462600	Blue Creek near Oakman	5.32	June 01, 1959	to	Sept. 30, 1965	
			Oct. 01, 1976	to	Sept. 30, 1984	
02462800	Davis Creek below Abernant	45.3	Oct. 01, 1956	to	Sept. 30, 1971	
02462840	Davis Creek near Antioch Church near Searles	87.3	Mar. 16, 1981	to	Sept. 30, 1982	
02462951	Black Warrior River at Holt Lock and Dam near Holt	4,219	Oct. 01, 1976	to	Sept. 30, 2005	
02462980	Yellow Creek above Northport	3.73	Oct. 01, 1976	to	Sept. 30, 1977	
02462990	Yellow Creek near Northport	8.38	Oct. 01, 1976	to	Sept. 30, 1984	
02463000	Yellow Creek near Tuscaloosa	24.2	Feb. 01, 1951	to	May 31, 1954	
02463200	Hurricane Creek near Cedar Cove	29.3	Oct. 01, 1957	to	Sept. 30, 1960	
02463500	Hurricane Creek near Holt	108	Aug. 01, 1952	to	Sept. 30, 1969	
02463510	Hurricane Creek near Peterson	112	Oct. 01, 1980	to	Sept. 30, 1981	
02463587	North River near Bankston	46.2	June 27, 1990	to	Jan. 20, 1992	

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record			
02463900	Bear Creek near Samantha	15.0	Oct. 01, 1976	to	Sept. 30, 1984	
02464000	North River near Samantha	223	Dec. 01, 1938	to	Sept. 30, 1954	
			Oct. 01, 1968	to	Sept. 30, 2005	
02464146	Turkey Creek near Tuscaloosa	6.16	Feb. 01, 1981	to	Sept. 30, 1984	
			Oct. 01, 1986	to	Sept. 30, 2005	
02464360	Binion Creek below Gin Creek near Samantha	57.0	Oct. 01, 1986	to	Sept. 30, 2005	
02464500	North River near Tuscaloosa	372	Dec. 01, 1951	to	Dec. 31, 1968	
02465000	Black Warrior River at Oliver Lock and Dam at Northport	4,820	Jan. 01, 1895	to	Dec. 31, 1902	
			Aug. 01, 1928	to	Sept. 30, 2005	
02465080	Mill Creek at Cloverdale Road near Northport	11.4	Apr. 26, 1996	to	Sept. 30, 1998	
02465200	Lake Creek near Northport	3.71	Nov. 01, 1956	to	Sept. 30, 1970	
02465205	Jay Creek near Coker	3.65	Oct. 01, 1963	to	Sept. 30, 1968	
			Apr. 26, 1996	to	Sept. 30, 1998	
02465292	Cribbs Mill Creek at Waste Water Plant at Tuscaloosa	10.7	Jul. 25, 2002	to	Sept. 30, 2005	
02465400	Big Sandy Creek at Duncanville	55.9	Aug. 01, 1956	to	Sept. 30, 1960	
02465493	Elliotts Creek near Moundville	32.3	Oct. 01, 1976	to	Sept. 30, 2005	
02465500	Five Mile Creek near Greensboro	73.6	Oct. 01, 1954	to	Sept. 30, 1971	
02466000	Black Warrior River near Eutaw	5,792	June 01, 1932	to	Sept. 30, 1955	
			Feb. 01, 1956	to	Apr. 30, 1956	
			Jan. 01, 1957	to	Apr. 30, 1957	
02466030	Black Warrior River at Selden Lock and Dam near Eutaw	5,810	Oct. 01, 1976	to	Sept. 30, 2005	
02466500	Big Prairie Creek near Gallion	171	Feb. 01, 1940	to	Sept. 30, 1952	
02467000	Tombigbee River at Demopolis Lock and Dam near Coatopa	15,385	Aug. 01, 1928	to	Sept. 30, 2005	
02467500	Sucarnoochee River at Livingston	607	Oct. 01, 1938	to	Sept. 30, 2005	
02468000	Alamuchee Creek near Cuba	62.3	Aug. 01, 1954	to	Sept. 30, 1967	
02468500	Chickasaw Bogue near Linden	257	Jan. 01, 1944	to	Sept. 30, 1946	
			Oct. 01, 1965	to	Sept. 30, 1988	
02469000	Kinterbish Creek near York	90.9	Aug. 01, 1954	to	Sept. 30, 1967	
02469500	Tuckabum Creek near Butler	115	Oct. 01, 1954	to	Sept. 30, 1970	
02469550	Horse Creek near Sweetwater	60.4	Oct. 01, 1959	to	Sept. 30, 1970	
02469600	Bashi Creek near Campbell	76.6	Oct. 01, 1959	to	Sept. 30, 1964	
02469700	Okatuppa Creek at Gilbertown	148	Oct. 01, 1956	to	Sept. 30, 1969	
02469761	Tombigbee River at Coffeetown Lock and Dam near Coffeetown	18,417	Oct. 01, 1960	to	Sept. 30, 2005	
02469800	Satilpa Creek near Coffeetown	164	Oct. 01, 1956	to	Sept. 30, 1970	
			Oct. 01, 1974	to	Sept. 30, 2005	
02470000	Tombigbee River near Leroy	18,965	Oct. 01, 1928	to	Sept. 30, 1960	
02470072	Bassett Creek at U.S. Highway 43 near Thomasville	10.5	Oct. 01, 1995	to	Sept. 30, 2005	
02470100	East Bassett Creek at Walker Springs	195	Oct. 01, 1956	to	Sept. 30, 1970	
02470500	Mobile River at Mount Vernon	42,867	Oct. 01, 1953	to	Jan. 31, 1955	
02470629	Mobile River at River Mile 31.0 at Bucks	43,000	Oct. 01, 2003	to	Sept. 30, 2005	
02471000	Chickasaw Creek near Whistler	123	Oct. 01, 1951	to	Sept. 30, 1968	
02471001	Chickasaw Creek near Kushla	125	Oct. 01, 1968	to	Sept. 30, 2005	
0247100550	Eightmile Creek at Mobile	23.2	Oct. 01, 1996	to	Sept. 30, 2000	
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	10.4	Dec. 03, 1999	to	Sept. 30, 2003	
02471019	Tensaw River near Mount Vernon	42,900	Oct. 01, 2003	to	Sept. 30, 2005	
02471065	Montlamar Creek at U.S. Highway 90 at Mobile	7.28	June 01, 1962	to	Sept. 30, 1967	
			Oct. 01, 1974	to	Sept. 30, 1983	
02471078	Fowl River at Half Mile Road near Laurendine	16.5	Mar. 09, 1995	to	Sept. 30, 2005	
02479431	Pond Creek near Deer Park	20.4	Oct. 01, 1976	to	Sept. 30, 1999	
02479500	Escatawpa River near Wilmer	511	Oct. 01, 1945	to	Sept. 30, 1973	
02479560	Escatawpa River near Agricola, MS	562	Oct. 01, 1973	to	Sept. 30, 2005	
02479960	Boggy Branch at County Road 5 near Wilmer	3.17	June 21, 1990	to	Sept. 30, 1991	
02479945	Big Creek at County Road 63 near Wilmer	31.5	June 22, 1990	to	Sept. 30, 2005	
02479948	Juniper Creek at Glenwood Road near Fairview	9.22	Aug. 03, 1990	to	Sept. 30, 1992	
02479950	Collins Creek at Glenwood Road near Fairview	8.54	Aug. 29, 1990	to	Sept. 30, 1992	
02479955	Long Branch near Wilmer	2.85	June 20, 1990	to	Sept. 30, 1991	
02479980	Crooked Creek near Fairview	8.08	June 22, 1990	to	Sept. 30, 2005	
02480000	Big Creek near Mobile	84.0	Dec. 01, 1944	to	Sept. 30, 1950	
02480002	Hamilton Creek at Snow Road near Semmes	8.22	June 21, 1990	to	Sept. 30, 2005	
03568000	Tennessee River at Chattanooga, TN	21,400	Apr. 01, 1874	to	Sept. 30, 2005	
03568715	Dixie Brown Spring near Valley Head	--	Oct. 01, 1967	to	Sept. 30, 1971	
03572110	Crow Creek at Bass	131	May 22, 1975	to	Sept. 30, 1996	
03572900	Town Creek near Geraldine	141	Oct. 01, 1957	to	Sept. 30, 1980	
03573000	Short Creek near Albertville	91.6	June 01, 1945	to	Sept. 30, 1953	
03573182	Scarham Creek near McVie	50.0	Oct. 01, 1998	to	Sept. 30, 2005	
03573500	Tennessee River at Guntersville	24,340	May 01, 1930	to	Sept. 30, 1938	
03574500	Paint Rock River near Woodville	320	Jan. 01, 1936	to	Sept. 30, 2005	
0357479650	Hester Creek near Plevna	33.0	Oct. 01, 1998	to	Sept. 30, 2005	
03575000	Flint River near Chase	342	May 01, 1930	to	Sept. 30, 1981	
			Oct. 01, 1982	to	Dec. 31, 1994	
03575100	Flint River near Brownsboro	375	Oct. 01, 1998	to	Sept. 30, 2005	

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER DISCHARGE STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Period(s) of record	
03575500	Tennessee River at Whitesburg	25,610	Oct. 01, 1924 to Sept. 30, 1936	
			Mar. 01, 1937 to Sept. 30, 1997	
			Oct. 01, 1999 to Sept. 30, 2005	
03575700	Aldridge Creek near Farley	14.1	Jan. 01, 1961 to Feb. 29, 1964	
03575830	Indian Creek near Madison	49.0	Oct. 01, 1959 to Sept. 30, 1966	
			Oct. 01, 1975 to Jun. 16, 2002	
03576000	Huntsville Spring Branch at Patton Road near Huntsville	41.8	Dec. 01, 1928 to Mar. 31, 1932	
03576148	Cotaco Creek at Florette	136	Jan. 01, 1966 to Sept. 30, 1980	
03576250	Limestone Creek near Athens	119	Oct. 01, 1939 to Sept. 30, 1970	
			Oct. 01, 1994 to Sept. 30, 2005	
03576400	Piney Creek near Athens	55.8	Oct. 01, 1959 to Sept. 30, 1968	
03576500	Flint Creek near Falkville	86.3	Aug. 01, 1952 to Sept. 30, 1970	
			Oct. 01, 1992 to Sept. 30, 1999	
03576800	Blowing Springs Branch near Wrens	1.27	June 01, 1963 to Oct. 19, 1964	
			Mar. 04, 1965 to Sept. 30, 1965	
03576810	Elam Creek near Wren	6.69	June 01, 1963 to Sept. 30, 1967	
03577000	West Flint Creek near Oakville	87.6	Sept. 01, 1952 to Sept. 30, 1957	
			June 01, 1963 to Oct. 19, 1964	
			Mar. 04, 1965 to Sept. 30, 1965	
			Oct. 01, 1992 to Sept. 30, 1998	
03584600	Elk River at Prospect, TN	1,805	July 01, 1904 to Feb. 29, 1908	
			Jan. 01, 1919 to Sept. 30, 1994	
03585300	Sugar Creek near Good Springs	152	Oct. 01, 1957 to Sept. 30, 1969	
03585305	Ridgeway Mill Spring at Good Springs	--	Dec. 01, 1968 to Sept. 30, 1972	
03585500	Elk River near Rogersville	2,239	Oct. 01, 1927 to Dec. 31, 1935	
03586500	Big Nance Creek at Courtland	166	Sept. 01, 1935 to Sept. 30, 1940	
			Apr. 01, 1945 to Sept. 30, 1981	
			Mar. 01, 1988 to Sept. 30, 2005	
03587000	Big Nance Creek at Red Bank	188	Aug. 01, 1935 to Sept. 30, 1940	
03588500	Shoal Creek at Iron City, TN	348	July 01, 1925 to Sept. 30, 1994	
03589250	Pond Creek near Wilson Dam	13.7	Aug. 01, 1949 to Sept. 30, 1970	
03589500	Tennessee River at Florence	30,810	Oct. 01, 1894 to Sept. 30, 1997	
			Oct. 01, 1999 to Sept. 30, 2005	
03590000	Cypress Creek near Florence	209	June 01, 1934 to Sept. 30, 1953	
03590500	Tuscumbia Spring at Tuscumbia	--	Dec. 01, 1928 to Mar. 31, 1930	
			Jan. 01, 1956 to Sept. 30, 1966	
03591800	Bear Creek near Hackleburg	143	Oct. 01, 1956 to Sept. 30, 1979	
			Oct. 01, 1980 to Sept. 30, 1981	
03592000	Bear Creek near Red Bay	263	Oct. 01, 1913 to May 31, 1920	
			Oct. 01, 1958 to Sept. 30, 1967	
			Mar. 01, 1969 to Sept. 30, 1981	
03592200	Cedar Creek near Pleasant Site	189	Oct. 01, 1957 to Sept. 30, 1977	
03592300	Little Bear Creek near Halltown	78.2	Oct. 01, 1957 to Sept. 30, 1977	
03592500	Bear Creek at Bishop	667	Oct. 01, 1926 to May 31, 1928	
			Mar. 01, 1929 to Mar. 31, 1932	
			Oct. 01, 1933 to Sept. 30, 1979	

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER STAGE STATIONS

The following list contains discontinued and currently operated continuous-record stage stations located on surface-water sites on streams within the State of Alabama and near its border with adjacent States. Daily gage heights or elevations were collected and published for the periods of record shown for each station. Some stations have record collected and published by other agencies, such as National Weather Service, Tennessee Valley Authority, or U.S. Corps of Engineers, for additional periods other than those noted in period of record column.

Station number	Station name	Drainage area (mi ²)	Period of record (water years)
02339500	Chattahoochee River at West Point, GA	3,550	1971-05
02339780	Chattahoochee River at Langdale	3,630	1983-92
02341500	Chattahoochee River at Columbus, GA	4,670	1971-05
0234296910	Chattahoochee River at Coast Guard Dock at Eufaula	6,730	1990-05
02361000	Choctawhatchee River near Newton	686	1972-05
02361500	Choctawhatchee River near Bellwood	1,280	2001-05
02362000	Choctawhatchee River near Geneva	1,346	1972-97, 2003-05
02364000	Pea River at Elba	959	1972-05
02372422	Conecuh River below Point "A" Dam at River Falls	1,273	1999-05
02372430	Conecuh River at River Falls	1,277	1972-96, 2003-05
02373800	Sepulga River at Brooklyn	1,020	1976-81
02374250	Conecuh River at State Highway 41 at Brewton	2,661	1972-97
			1999-05
02374700	Murder Creek at Brewton	435	1999-05
02374745	Burnt Corn Creek at State Highway 41 near Brewton	182	1999-05
02378550	Fish River near Magnolia Springs	152	1989-97
02378565	Weeks Bay at Beckwith Lodge near Magnolia Springs	200	1986-97
02399500	Coosa River at Leesburg	5,270	1988-05
02400496	Coosa River at Gadsden Steamplant near Gadsden	5,800	1995-05
02400500	Coosa River at Gadsden	5,805	1972-05
02407000	Coosa River at Childersburg	8,392	1995-05
02407526	Coosa River at Gaston Steamplant near Wilsonville	8,588	1994-05
02411600	Coosa River at Wetumpka	10,148	1972-05
02414500	Tallapoosa River at Wadley	1,675	1972-05
02419500	Tallapoosa River at Milstead	3,770	1972-77
			1981-83
			1998-05
02419890	Tallapoosa River near Montgomery	4,646	1973-05
02419988	Alabama River at Montgomery	15,023	1972-05
02420000	Alabama River near Montgomery	15,087	2000-05
02421351	Alabama River below Robert F. Henry Lock and Dam near Benton	16,233	1972-97
			2003-05
02423000	Alabama River at Selma	17,095	1972-05
02423390	Cahaba River at BWVB Pump Station near Cahaba Heights	145	1984-91
02423409	Lake Purdy near Cahaba Heights	42.7	1985-91
02424000	Cahaba River at Centreville	1,027	1972-05
02425000	Cahaba River near Marion Junction	1,766	1972-82
02427506	Alabama River below Millers Ferry Lock and Dam near Camden	20,637	1972-97
			2003-05
02428401	Alabama River below Claiborne Lock and Dam near Monroeville	21,473	1972-05
02429540	Alabama River at Choctaw Bluff	22,360	2003-05
02444500	Tombigbee River near Cochrane	5,940	1982-05
02449000	Tombigbee River at Gainesville	8,632	1972-78
02449500	Tombigbee River at Epes	8,930	1990-97
02449840	Duck River near Berlin	37.1	1998-03
02453500	Mulberry Fork at Cordova	1,916	1972-05
02462501	Black Warrior River below Bankhead Lock and Dam near Bessemer	3,981	1972-05
02462952	Black Warrior River below Holt Lock and Dam near Holt	4,219	1972-05
02464800	Lake Tuscaloosa near Tuscaloosa	416	1983-05
02465005	Black Warrior River below Oliver Lock and Dam at Tuscaloosa	4,821	1972-05
02466031	Black Warrior River below Selden Lock and Dam near Eutaw	5,810	2000-05
02466040	Black Warrior River below Selden Lock near Sawyerville	5,838	1972-99
02467001	Tombigbee River below Demopolis Lock and Dam near Coatopa	15,385	1972-05
02469525	Tombigbee River near Nanafalia	17,487	1990-05
02469762	Tombigbee River below Coffeeville Lock and Dam near Coffeeville	18,417	1972-05
02470050	Tombigbee River near Leroy	19,120	2002-05
02470500	Mobile River at Mount Vernon	42,867	1983-87
02470629	Mobile River at River Mile 31.0 at Bucks	43,000	2004-05
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	10.4	2000-03
0247101490	Threemile Creek at Stanton Road at Mobile	19.2	1999-03
02471016	Threemile Creek at U.S. Highway 43 near Prichard	28.1	2000-03
02480004	J.B. Converse Reservoir (Hamilton Creek) near Semmes	105	1990-93
			2002-05
03575500	Tennessee River at Whitesburg	25,610	1998-05
03577150	Tennessee River at Decatur	26,900	1991-05
03589500	Tennessee River at Florence	30,810	1998-05
03590680	Tennessee River at Smithsonia	31,350	1999-05

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER-QUALITY STATIONS

The following list contains discontinued and currently operated continuous-record surface-water-quality stations located on streams within the State of Alabama and near its border with adjacent States. Daily records were collected and published for the parameters (including water temperature [temp], specific conductance [s.c.], pH, dissolved oxygen [d.o.], turbidity [turb], dissolved solids [d.s.], and suspended sediment [s.s.]) and water years shown in the appropriate columns. This list was compiled using annual data reports.

Station number	Station name	Drainage area (mi ²)	Type of record	Period of record (water years)
02339225	Wehadkee Creek below Rock Mills	60.2	temp	1978-82
02339550	Chattahoochee River at Lanett	3,550	temp	1978-82
02361000	Choctawhatchee River near Newton	686	temp, s.c., d.s.	1964-82
02363000	Pea River near Arton	498	s.c., d.s.	1970
				1975
02367800	Yellow Creek near Wing	461	temp	1965-67
02369800	Blackwater River near Bradley	87.7	temp	1968-69
02371200	Indian Creek near Troy	8.87	temp	1971-82
02371500	Conecuh River at Brantley	500	temp, s.c., d.s.	1964-82
02372422	Conecuh River below Point "A" Dam near River Falls	1,270	temp, s.c., d.o.	1992-93
02400500	Coosa River at Gadsden	5,805	temp	1963-79
02401390	Big Canoe Creek at Ashville	141	s.c., d.s.	1970-76
02401700	Ohatchee Creek at Reads	39.7	temp	1959
02401800	Tallahatchee Creek at Wellington	92.2	temp	1958-60
02407000	Coosa River at Childersburg	8,390	temp	1962-82
02408500	Hatchet Creek near Rockford	233	s.c., d.s.	1970-76
02409502	Coosa River near Verbena	9,830	temp, pH, s.c., d.o., turb	1974-76
02411600	Coosa River at Wetumpka	10,148	temp	1963-67
02419000	Uphapee Creek near Tuskegee	333	s.c.	1970
				1975-76
02420000	Alabama River near Montgomery	15,087	temp, s.c.	1975-81
			temp	2003
02423000	Alabama River at Selma	17,095	temp	1962-82
02423130	Cahaba River at Trussville	19.7	temp, s.c., d.o.	1989-05
02423380	Cahaba River near Mountain Brook	140	temp, s.c.	1987-99
02423390	Cahaba River at BWWB Pump Station near Cahaba Heights	145	temp, s.c.	1987-91
02423397	Little Cahaba River below Leeds	17.0	temp, s.c., d.o.	1995-05
02423398	Little Cahaba River near Leeds	19.4	temp, s.c., d.o.	1988-05
02423400	Little Cahaba River near Jefferson Park	24.4	temp, s.c.	1987-99
02423496	Cahaba River near Hoover	226	temp, s.c., d.o.	1989-05
02423630	Shades Creek near Greenwood	72.3	temp, s.c.	1969-81
02423647	Cahaba River near West Blocton	593	temp, s.c.	1980-81
02424000	Cahaba River at Centreville	1,027	s.c., d.s.	1970-76
02425200	Big Swamp Creek near Orrville	35.8	temp, s.c., pH, d.o., turb	1972-73
02425500	Cedar Creek at Minter	211	temp	1963-64
02429000	Limestone Creek near Monroeville	117	temp	1964-70
02428400	Alabama River at Claiborne L&D near Monroeville	21,473	temp, s.c.	1982-97
02429000	Limestone Creek near Monroeville	121	temp	1963-71
02429500	Alabama River at Claiborne	21,967	temp, s.c.	1966-68
				1974-81
02437810	Buttahatchee River above Pearces Mill	112	temp, s.c.	1980
02444500	Tombigbee River near Cochrane	5,940	temp, s.c.	1972-80
02445290	Sipsey River near Bazemore	138	temp, s.c.	1981
02449000	Tombigbee River at Gainesville	8,632	temp, s.c., d.s.	1963-89
02449775	Mulberry Fork near Holly Pond	110	temp, s.c.	1981
02450000	Mulberry Fork near Garden City	365	temp, s.c., d.s.	1970-76
				1980-81
02450180	Mulberry Fork near Arkadelphia	487	temp, s.c.	1981-82
02450215	Dorsey Creek below Arkadelphia	26.0	temp, s.c.	1979-81
02450825	Clear Creek at New Hope Church near Poplar Springs	101	temp, s.c.	1981
02453000	Blackwater Creek near Manchester	181	temp, s.c.	1981-82
02453835	Trinity Creek near Carbon Hill	2.68	temp, s.c.	1979-82
02454000	Lost Creek near Oakman	134	temp, s.c.	1981-82
02455000	Locust Fork near Cleveland	303	temp, s.c.	1960-61
				1981-82
02455500	Locust Fork at Trafford	624	temp, s.c.	1993-95
02455980	Turkey Creek at Sewage Plant near Pinson	27.4	temp, s.c., d.o.	1989-05
02456000	Turkey Creek at Morris	80.9	temp, s.s.	1976-77
02456050	Turkey Creek above Kimberly	84.0	temp, s.s.	1976-77
02456330	Crooked Creek near Morris	16.2	temp, s.c., s.s.	1976-77

ACTIVE AND DISCONTINUED CONTINUOUS-RECORD SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Drainage area (mi ²)	Type of record	Period of record (water years)
02456500	Locust Fork at Sayre	885	temp, s.c., d.s.	1970-76, 1980-81
02457595	Fivemile Creek near Republic	51.9	temp, s.c., d.o.	1989-05
02457670	Fivemile Creek below Prudes Creek near Graysville	91.7	temp, s.c., d.o.	1997-05
02458148	Village Creek at 86th Street North at Roebuck	4.10	temp, s.c., d.o.	2000-01
02458450	Village Creek at Ave. W at Ensley	33.5	temp, s.c., d.o. turb	1991-05 2000-01
02458600	Village Creek near Docena	52.2	temp, s.c., d.o.	1996-05
02460500	Village Creek near Adamsville	83.5	temp, s.c.	1973-74 1980-82
02460505	Village Creek at Porter	96.6	temp, pH, s.c., d.o., turb	1972-74
02461300	Valley Creek at U.S. Highway 11 at Birmingham	30.0	temp, s.c., d.o.	2000-01
02461500	Valley Creek near Bessemer	52.5	temp, s.c., d.o.	1988-98
02462000	Valley Creek near Oak Grove	148	temp, s.c.	1980-81
02462600	Blue Creek near Oakman	5.32	temp, s.c.	1978-83
02462840	Davis Creek near Antioch Church near Searles	87.3	temp, s.c.	1981-82
02462990	Yellow Creek near Northport	8.38	temp, s.c., s.s.	1977-83
02463500	Hurricane Creek near Holt	108	temp	1958-59
02463510	Hurricane Creek near Peterson	112	temp, s.c.	1980-81
02463587	North River near Bankston	46.2	temp, s.c.	1990-92
02463900	Bear Creek near Samantha	15.0	temp, s.c., s.s.	1976-82
02464000	North River near Samantha	223	temp, s.c., d.o., pH	1981 1983-99
02464146	Turkey Creek near Tuscaloosa	6.16	temp, s.c.	1981-84 1987-99
02464360	Binion Creek below Gin Creek near Samantha	57.0	temp, s.c.	1987-99
02464500	North River near Tuscaloosa	372	temp	1959-60
02464800	Lake Tuscaloosa near Tuscaloosa	416	temp, s.c., pH, d.o.	1983-95
02465000	Black Warrior River at Northport	4,820	temp, s.c., d.s.	1961-83
02465004	Black Warrior River at Oliver L&D, at Tuscaloosa	4,821	temp	1971-72
02466031	Black Warrior River below Selden Dam near Eutaw	5,810	temp, s.c.	1978-95
02465400	Big Sandy Creek at Duncanville	55.9	temp	1958-60
02468500	Chickasaw Bogue near Linden	257	s.c., d.s.	1970-76
02469730	Okatuppa Creek near Barrytown	260	temp, s.c.	1965-66
02469762	Tombigbee River below Coffeeville L&D near Coffeeville	18,417	temp, s.c.	1975-97
02470040	Tombigbee River near Jackson	19,112	temp, s.c.	1963-75
02470629	Mobile River at City Intake near Bucks	43,000	temp, s.c.	1990-91
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	10.4	temp, s.c., d.o., turb	2000-03
0247101490	Threemile Creek at Stanton Road at Mobile	19.2	temp, s.c., d.o., turb	2000-03
02471016	Threemile Creek at U.S. Highway 43 near Prichard	28.1	temp, s.c., d.o., turb	2000-03
02479560	Escatawpa River near Agricola, MS	562	temp, s.c.	1980-86
02479945	Big Creek at County Road 63 near Wilmer	31.5	temp, s.c.	1990-93
02479948	Juniper Creek at Glenwood Road near Fairview	9.22	temp, s.c.	1990-92
02479950	Collins Creek at Glenwood Road near Fairview	8.54	temp, s.c.	1990-92
02479955	Long Branch near Wilmer	2.85	temp, s.c.	1991
02479960	Boggy Branch at County Road 5 near Wilmer	3.17	temp, s.c.	1990-91
02479980	Crooked Creek near Fairview	8.08	temp, s.c.	1990-92
02480002	Hamilton Creek at Snow Road near Semmes	8.22	temp, s.c.	1990-93
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	105	temp, s.c.	1990-93
02480009	J.B. Converse Reservoir near Spillway near Semmes	105	temp, s.c., d.o.	2002-03
03571850	Tennessee River at South Pittsburg, TN	22,640	temp, s.c.	1975-81
03572375	Tennessee River near Bellefonte	23,340	temp	1976-82
03572900	Town Creek near Geraldine	141	temp	1968-73
03575000	Flint River near Chase	342	temp	1964-67 1971-78
03576148	Cotaco Creek at Florette	136	temp	1980-83
03577150	Tennessee River at Decatur	26,900	temp	1970-78
03586500	Big Nance Creek at Courtland	166	temp	1980
03591800	Bear Creek near Hackleburg	143	temp	1965-73
03592200	Cedar Creek near Pleasant Site	189	temp	1963-72
03592250	Little Bear Creek near Glasgow	34.4	temp	1976-78
03592300	Little Bear Creek near Halltown	78.2	temp	1962-71
03592500	Bear Creek at Bishop	667	temp	1962-78

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS

The following list contains discontinued and currently operated partial-record and miscellaneous surface-water stations located on streams within the State of Alabama and near its border with adjacent States. Water-quality data were collected and published for parameters (including biological [biol], chemical [chem], and suspended sediment [sedi]) as shown in the type of record columns. The water years for which data were collected are shown in the period of record column. Physical or field parameters were collected and published for all stations for which water-quality data is obtained. Gaging and partial-record stations which only have miscellaneous specific conductance and temperature data are not included in this list. This list was compiled using annual data reports and does not include sites with data collected prior to 1961 water year.

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02339215	Wehadkee Creek near Rock Mills		X		1968
02339230	Cuss Creek near Roanoke		X		1965
02339495	Osilgee Creek near Lanett		X		1968
02339500	Chattahoochee River at West Point, GA	X	X		1968-69, 79-81, 84-96
				X	1968-70, 79-88, 90-96
					1981-84, 86-88
02339550	Chattahoochee River at Lanett	X			1980
			X		1978, 80
02339780	Chattahoochee River at Langdale		X		1978
02340750	Osanippa Creek near Fairfax		X		1965, 68
02340770	Osanippa Creek near Blanton		X		1969
02341030	Wacoochee Creek near Valley		X		1968
02341480	Mill Creek near Phenix City		X		1968
02341500	Chattahoochee River at Columbus, GA	X			1968-69
			X		1968-70
02342150	Uchee Creek near Seale		X		1968
02342200	Phelps Creek near Opelika		X		1968
02342280	Little Uchee Creek near Bleecker		X		1968
02342360	Little Uchee Creek near Crawford		X		1968
02342400	Little Uchee Creek near Seale		X		1968
02342500	Uchee Creek near Fort Mitchell		X		1968-71, 73, 82-83, 93-94
				X	1993-94
02342892	Hatchechubbee Creek near Pittsview		X		1968
02342897	Watermelon Creek near Pittsview		X		1968
02342899	Watermelon Creek at Pittsview		X		1968
02342920	North Fork Cowikee Creek near Glenville		X	X	1993-94
02342933	South Fork Cowikee Creek near Batesville		X		1964-65, 69, 71, 82-83
02342970	Chattahoochee River at Georgetown, GA		X		1964
02343040	Cheneyhatchee Creek near Georgetown, GA		X		1964
02343260	Chattahoochee River at Fort Gaines, GA		X		1964
02343275	Abbie Creek near Abbeville		X		1964, 69
02343292	Sandy Creek near Newville		X		1964
02343300	Abbie Creek near Haleburg		X		1964-65, 69, 71, 74, 84
02343370	Abbie Creek below Haleburg		X	X	1993
02343410	Coheelee Creek at River Road near Hilton, GA		X		2003
02343500	Chattahoochee River at Columbia		X		1964
02343700	Stevenson Creek near Headland		X		1964-65, 69
02343750	Omussee Creek at Columbia		X		1964, 93-94
				X	1994
02343801	Chattahoochee River near Columbia	X		X	1983-96
			X		1970, 83-96
02343848	Cedar Creek at East Cook Road near Pansey		X		2003
02344000	Chattahoochee River at Alaga	X			1968-69
			X		1964, 68-69, 71-74
02358765	Big Creek at State Highway 203 near Rehobeth		X		2003
02358770	Big Creek near Madrid		X		1964
02358778	Russ Mill Creek at Union Road near Cottdale, FL		X		2003
0235878055	Cowarts Creek near Love Hill		X		2003
0235878075	Cowarts Creek above Cottonwood		X		1994, 2003
				X	1994
02359975	Lindsey Creek near Clayton		X		1964
02360000	West Fork Choctawhatchee River at Blue Springs		X		1964, 69
02360002	Blue Spring at Blue Springs		X		1971
02360275	Judy Creek near Ozark		X		1964
02360280	Judy Creek near Ozark		X		1969
02360300	East Fork Choctawhatchee River near Edwin		X		1964
02360500	East Fork Choctawhatchee River near Midland City		X		1964, 69
02361000	Choctawhatchee River near Newton		X		1964-66, 69, 71-83
02361075	Kelly Spring near Dothan		X		1977
02361150	Little Choctawhatchee River near Dothan		X		1964
02361175	Choctawhatchee River near Wicksburg		X		1964
02361250	Hurricane Creek near Hartford		X		1964
02361350	Bear Creek near Ozark		X		1964
02361375	Claybank Creek near Daleville		X		1964
02361400	Claybank Creek at Clayhatchee		X		1964
02361500	Choctawhatchee River near Bellwood		X		1964
02362000	Choctawhatchee River near Geneva		X		1964

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02362200	Double Bridges Creek near Enterprise		X		1964
02362500	Double Bridges Creek at Geneva		X		1964
02362590	Johnson Creek near Midway		X		1964
02362638	Indian Creek at Pickett		X		1964
02362640	Pea River near Perote		X		1964
02362700	Pea Creek near Clayton		X		1964
02362750	Pea Creek near Louisville		X		1964
02362775	Buckhorn Creek near Josie		X		1964
02362790	Pea River near Brundidge		X		1964
02362800	Branch Creek near Clio		X		1964
02362810	Big Creek near Clio		X		1964
02362850	Richland Creek near Brundidge		X		1964
02363000	Pea River near Ariton		X		1964-65, 69, 72-83
02363100	Pea River near Elba		X		1964
02363200	Whitewater Creek near Brundidge		X		1964
02363300	Whitewater Creek near Arcus		X		1964
02363400	Big Creek near Arcus		X		1964
02363500	Whitewater Creek at Elba		X		1964
02364000	Pea River at Elba		X		1964
02364500	Pea River near Samson		X		1964-65, 69, 72
02364700	Flat Creek near Samson		X		1964
02364900	Sandy Creek near Geneva		X		1964
02365000	Pea River near Geneva		X		1964
02365100	Spring Creek at County Road 55 near Geneva		X		2003
02367480	Lightwood Knot Creek near Opp		X		1964
02367500	Lightwood Knot Creek at Babbie		X		1964, 69
02367600	Indian Creek near Opp		X		1969
02367700	Five Runs Creek near Andalusia		X		1964, 69
02367800	Yellow River near Wing		X		1964-65, 69
02369725	Blackwater Creek near Falco		X		1969
02369738	Blackwater Creek at Bradley		X		1969
02369755	Panther Creek near Falco		X		1969
02369764	Panther Creek at Bradley		X		1969
02369775	Bear Creek near Dixie		X		1969
02369798	Bear Creek at Bradley		X		1969
02369800	Blackwater River near Bradley	X			1978, 85-96
			X		1964, 69, 71, 77-83, 85-96
				X	1985-95
02370400	West Fork Big Coldwater Creek near Allentown, FL		X		2003
02370700	Pond Creek near Milton, FL		X		2003
02370800	Conecuh River at Boswell		X		1964
02370900	Conecuh River near Corcoran		X		1964
02371000	Conecuh River near Troy		X		1964
02371200	Indian Creek near Troy		X		1964-65, 69, 71, 82-83
02371300	Conecuh River at Goshen		X		1964
02371380	Conecuh River at Glenwood		X		1964
02371500	Conecuh River at Brantley		X		1964-69, 71-83
02371505	Dry Creek at Brantley		X		1964
02371600	Conecuh River at Dozier		X		1964
02371701	Conecuh River at Gantt		X		1964
02371850	Patsaliga Creek near Petrey		X		1964
02371950	Patsaliga Creek at Patsburg		X		1964
02371975	Patsaliga Creek near Luverne		X		1964
02372000	Patsaliga Creek at Luverne		X		1964
02372100	Little Patsaliga Creek at Honoraville		X		1964, 69
02372150	Little Patsaliga Creek near Rutledge		X		1964
02372250	Patsaliga Creek near Brantley		X		1964, 82-83
02372300	Patsaliga Creek near Boston		X		1964
02372350	Patsaliga Creek near Gantt		X		1964
02372400	Buck Creek near Red Level		X		1964, 69
02372430	Conecuh River at River Falls		X		1964
02372500	Conecuh River near Andalusia		X		1964-65, 69
02372690	Long Creek near Garland		X		1964
02372700	Sepulga River near Garland		X		1964
02372740	Persimmon Creek near Greenville		X		1964
02372800	Stallings Creek near Greenville		X		1964
02372880	Persimmon Creek near McKenzie		X		1964
02372900	Oaklog Creek near Georgiana		X		1964
02372920	Persimmon Creek at Garland		X		1964
02373000	Sepulga River near McKenzie		X		1964-65, 69, 77-83
02373100	Pigeon Creek near Spring Hill		X		1964
02373180	Pigeon Creek near Greenville		X		1964
02373300	Pigeon Creek near Pigeon Creek		X		1964
02373500	Pigeon Creek near Thad		X		1964-65, 69
02373700	Sepulga River near Brooklyn		X		1964

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02373800	Sepulga River at Brooklyn		X		1978-83
02374000	Conecuh River near Brooklyn		X		1964, 69
02374250	Conecuh River near Brewton		X		1964
02374500	Murder Creek near Evergreen		X		1964-65, 69, 71-80, 82-83
02374600	Murder Creek at Castleberry		X		1964
02374700	Murder Creek at Brewton		X		1964
02374715	Burnt Corn Creek near Belleville		X		1964
02374730	Bushy Creek near Range		X		1964
02374750	Burnt Corn Creek at Brewton		X		1964
02374760	Conecuh River near Pollard		X		1964, 71
02374796	Little Escambia Creek below Chavers Creek near Pollard		X		1964, 66, 70-73
02374797	Tributary to Little Escambia Creek near Pollard		X		1972-73
02374798	Little Escambia Creek below Pollard Oil Field		X		1964, 66-73
02374800	Little Escambia Creek near Pollard		X		1964, 66-73
02374900	Big Escambia Creek near Robinsonville		X		1964
02375000	Big Escambia Creek at Flomaton		X		1964, 69
02375500	Escambia River near Century, FL	X	X	X	1982-94
02375800	Moore Creek near Chumuckla, FL		X		2003
02376220	Perdido River at U.S. Highway 31 near Atmore	X	X		1994
02376240	Dyas Creek near Dyas	X			1994
			X		1967, 94
02376245	McCurtin Creek near Bay Minette		X		1969
02376270	Brushy Creek near Atmore		X		1964
02376500	Perdido River at Barrineau Park, FL	X			1978-99
			X		1967, 69, 72-99
				X	1978-94
02377200	Styx River near Stapleton		X		1969
02377300	Styk River at Brady Road below Stapleton	X	X	X	1993-94
02377500	Styx River near Loxley	X			1993-96
			X		1966-67, 69, 71, 93-96
				X	1994
02377505	Hollinger Creek near Bay Minette		X		1969
02377540	Hollinger Creek at Brady Road near Stapleton	X	X		1993-94
				X	1994
02377550	Hollinger Creek near Gateswood		X		1967
02377920	Blackwater River at U.S. Highway 90 near Robertsedale	X	X		1994
02377960	Blackwater River near Elsanor	X	X		1994-96
02377975	Blackwater River above Seminole		X		1967
02378150	Sandy Creek at U.S. Highway 98 near Elberta	X	X		1994-95
02378170	Wolf Creek near Elberta	X	X		1994
02378176	Wolf Creek at County Road 20 near Miflin	X	X		1994
02378177	Miflin Creek at U.S. Highway 98 at Elberta	X	X		1994-95
0237817725	Wolf Bay at Orange Beach	X	X		1994
02378195	Bon Secour River at County Road 12 near Foley	X	X		1994
0237819550	Boggy Branch at State Highway 59 near Gulf Shores	X	X		1994
02378300	Magnolia River at US 98 near Magnolia Springs	X			1994-96
			X		1967, 94-96
02378330	Magnolia River at mouth at Weeks Bay	X	X		1994
02378375	Fish River at Interstate 10 near Loxley	X	X		1993-94
				X	1994
02378400	Fish River at U.S. 90 near Loxley	X	X		1993
				X	1994
02378410	Fish River near Daphne		X		1967
002378500	Fish River near Silver Hill	X			1993-96
			X		1966-67, 69, 71-72, 93-96
				X	1993-94
02378530	Polecat Creek at County Road 9 near Marlow	X	X		1994
02378540	Cowpen Creek at County Road 33 near Clay City	X	X		1994, 96
02378590	Fly Creek at U.S. Highway 98 near Fairhope	X	X		1994
02378600	Rock Creek at U.S. Highway 98 near Fairhope	X	X		1994
02378770	D'Olive Creek at U.S. Highway 90 near Bridgehead	X	X		1994
02378800	D'Olive Creek at U.S. Highway 98 near Daphne	X	X		1994
02397680	Spring Creek near Bomar		X		1967
02398300	Chattooga River above Gaylesville	X			2000-01
			X		1966-68, 72, 74, 99-01
				X	1999-01
02398500	Chattooga River at Gaylesville		X		1967
02398580	Middle Fork Little River near Valley Head		X		1977
02398865	West Fork Little River at Taylor Ford near Valley Head		X		1977
02398880	West Fork Little River near Fort Payne		X		1967
02399000	Little River near Jamestown		X		1966-68
02399200	Little River near Blue Pond		X		1966-68, 71, 73-75, 77-83
				X	1979-80
02399205	Congo Spring near Blanche		X		1977
02399500	Coosa River at Weiss Dam at Leesburg		X		1967-68

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02399800	Little Terrapin Creek near Borden Springs		X		1966, 68
02400000	Terrapin Creek near Piedmont		X		1967
02400100	Terrapin Creek at Ellisville		X		1966-68, 84
02400500	Coosa River at Gadsden	X			1972-73
			X		1965-67, 69-73
02400675	Unnamed tributary to Big Wills Creek at State Highway 35 near Fort Payne	X	X	X	2000-01
02400680	Big Wills Creek near Collinsville		X		1967
02400725	Mush Creek near Portersville	X	X	X	2000-01
02400750	Big Wills Creek near Collinsville		X		1967
02400800	Little Wills Creek at Collins Chapel Road at Collinsville	X	X	X	2000-01
02401000	Big Wills Creek near Reece City	X			1978
			X		1965-67, 73, 75-83
02401093	Black Creek near Reece City		X		1967, 79
				X	1979
02401100	Black Creek near Gadsden		X		1967
02401180	Big Wills Creek at Gadsden		X		1967
02401350	Big Canoe Creek at Canoe Creek Road near Springfield	X	X	X	2000-01
02401355	Unnamed tributary to Big Canoe Creek near Springfield	X	X	X	2000-01
02401370	Big Canoe Creek near Springville		X		1967-68, 82-83
02401387	Muckleroy Spring near Whitney		X		1971
02401390	Big Canoe Creek at Ashville		X		1966-68, 71-83
02401500	Big Canoe Creek near Gadsden		X		1965-68
02401590	Shoal Creek near Ragland		X		1967-68, 79, 81
				X	1979, 81
02401650	Webster Chapel Spring near Webster Chapel		X		1977
02401700	Ohatchee Creek at Reeds		X		1967
02401745	Big Spring at Jacksonville		X		1975
02401749	Williams Branch near Jacksonville	X	X	X	2000-01
02401760	Little Tallassee hatchee Creek near Weaver	X	X	X	2000-01
02401800	Tallahatchee Creek near Wellington		X		1967
02401895	Ohatchee Creek at Ohatchee		X		1967
02401915	Cane Creek at Francis Mill		X		1967
02401990	Broken Arrow Creek near Pell City		X		1967-68
02402500	Coosa River at Riverside		X		1968
02403135	Choccolocco Creek near White Plains		X		1967
02403200	Choccolocco Creek at Choccolocco		X		1967
02403380	Snow Creek below Anniston	X	X	X	2000-01
02403500	Coldwater Spring near Anniston		X		1973, 02
02404000	Choccolocco Creek near Jenifer		X		1966-68, 71
02404235	Cheaha Creek near McElderry		X		1967-68
02404245	Cheaha Creek near Talladega		X		1968
02404400	Choccolocco Creek at Jackson Shoals near Lincoln		X		1965-68, 74, 77-83
02405325	Wolf Creek near London		X		1967-68
02405500	Kelly Creek near Vincent		X		1965-69, 72, 74, 79-82
				X	1979-81
02405800	Talladega Creek above Talladega		X		1965-69
02406000	Talladega Creek near Talladega		X		1972
02406500	Talladega Creek at Alpine		X		1967-68, 72
02406920	Tallassee hatchee Creek near Sylacauga		X		1967-68
02406922	Darby Branch at Sylacauga		X		2003
02406930	Shirtee Creek near Odena	X	X	X	2000-01
02406970	Weewoka Creek at State Highway 21 at Winterboro		X		2003
02406990	Tallassee hatchee Creek near Childersburg		X		1967-68
02407000	Coosa River at Childersburg	X			1972-73
			X		1965-82
02407470	North Fork Yellowleaf Creek at Chelsea		X		1967-68
02407500	Yellowleaf Creek near Wilsonville		X		1965-69, 80-82
				X	1980-81
02407520	Yellowleaf Creek at Wilsonville		X		1967-68
02407521	Fourmile Creek near Wilsonville		X		2003
02407620	Cedar Creek at Fayetteville		X		1967-68
02407660	Kewahatchee Spring Creek near Shelby		X		1967
02407675	Wolf Creek near Columbiana		X		2003
02407692	Town Branch near Columbiana		X		2003
02407710	Waxahatchee Creek near Shelby		X		1967-68
02407900	Paint Creek near Marble Valley		X		1968-69
02407905	Paint Creek below Marble Valley		X		2003
02408010	Yellowleaf Creek near Clayton		X		1965, 68
02408030	Yellowleaf Creek near Lay Dam near Clanton		X		1968
02408130	Walnut Creek near Clanton		X		2003
02408170	Walnut Creek near Clayton		X		1968
02408325	Hatchet Creek near Brownsville		X		1968
02408340	Little Hatchet Creek near Goodwater		X		1968

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02408350	Hatchet Creek near Goodwater		X		1968
02408450	Socapatoy Creek near Socapatoy		X		1968
02408500	Hatchet Creek near Rockford		X		1968-69, 71-79
02408540	Hatchet Creek below Rockford		X		1982-84
02408550	Jones Creek at county road near Rockford		X		2003
02408600	Swamp Creek at Salter		X		1968
02409000	Weogufka Creek near Weogufka		X		1968
02409300	Cargle Creek near Clanton		X		2003
02409500	Coosa River at Mitchell Dam near Verbena		X		1968
02409502	Coosa River near Verbena		X		1974
02409505	South Prong near Verbena		X		2003
02409510	Chestnut Creek at Verbena		X		1968
02409680	Shoal Creek near Holtville		X		1968
02409840	Pinston Creek near Buyck		X		2003
02410000	Paterson Creek near Central		X		1968, 72, 74, 77
02410040	Sofkahatchee Creek near Weoka		X		1968
02411000	Coosa River at Jordan Dam near Wetumpka		X		1972-73, 75-83
02411600	Coosa River at Wetumpka		X		1968-69
02412000	Tallapoosa River near Heflin	X			1969-73
			X		1965-66, 68-74, 77-83
02412065	Cane Creek near Heflin		X		1968
02412210	Tallapoosa River near Belltown		X		1968
02412290	Chulafinee Creek at Hollis		X		1968
02412300	Tallapoosa River near Hollis		X		1968
02412500	Tallapoosa River near Ofelia		X		1968
02413280	Lost Creek at Ranburne		X		1968
02413300	Little Tallapoosa River near Newell		X		1968, 82-83
02413400	Wedowee Creek above Wedowee		X		1968
02413475	Wedowee Creek near Wedowee		X		1968
02413500	Little Tallapoosa River near Wedowee		X		1968
02413800	Fox Creek near Lineville		X		1968
02414030	Crooked Creek at Cragford		X		1968
02414500	Tallapoosa River at Wadley	X			1970-73
			X		1965, 68-73, 77-83
02414580	High Pine Creek at Abanda		X		1968
02414595	Chickasanoxee Creek at Milltown		X		1968
02414670	Chatahospee Creek near Lafayette		X		1968
02414720	Emuckfaw Creek near Hamlet		X		1968
02414770	Enitachopca Creek at Bluff Springs		X		1968
02414790	Little Hillabee Creek near Millerville		X		1968
02414800	Harbuck Creek near Hackneyville		X		1968
02415000	Hillabee Creek near Hackneyville		X		1965-66, 68-71
02415270	Town Creek near Alexander City		X		1968
02415500	Hillabee Creek near Alexander City		X		1968
02416000	Tallapoosa River at Sturdivant		X		2004
02416480	Sandy Creek near Dadeville		X		1968
02418040	Channahatchee Creek near Kent		X		1968
02418170	Pepperall Branch near Opelika		X		1969
02418200	Sougahatchee Creek near Auburn		X		1968
02418264	Sougahatchee Creek above Reeltown		X		1968
02418500	Tallapoosa River below Tallassee	X			1969-73
			X		1968-73, 75-83, 2005
02418750	Chewala Creek near Auburn		X		1968
02418770	East Fork Parkerson Mill Creek near Auburn		X		1969
02418775	Parkerson Mill Creek near Auburn		X		1968
02418970	Choclafaula Creek near Tuskegee		X		1971
02419000	Uphapee Creek near Tuskegee		X		1968-69, 71-83
02419300	Uphapee Creek at Franklin		X		1968
02419305	Tallapoosa River near Tuskegee		X		2005
02419625	Calebee Creek near Tuskegee		X		1971
02419640	Calebee Creek near Shorter		X		2005
02419650	Cubahatchee Creek near Fort Davis		X		1964
02419670	Cubahatchee Creek near Shorter		X		1968, 2005
02419700	Goodwater Creek near Ware		X		2005
02419800	Line Creek near Shorter		X		1968, 2005
02419840	Chubbehatchee Creek near Ware		X		1968, 2005
02419849	Highway runoff to Jenkins Creek near Montgomery	X	X	X	1992-93
02419865	Brensen Branch near Ware		X		2005
02419886	Pipe from apartments into Mont-East Ditch at Montgomery	X	X	X	1992-93
02419890	Tallapoosa River near Montgomery		X		1971-81, 2005
02419892	Harwell Mill Creek near Montgomery		X		2005
02419893	Tallapoosa River at U.S. Highway 231 near Montgomery		X		1971
02419930	Mortar Creek near Deatsville		X		1968

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02419935	South Mortar Creek near Deatsville		X		1968
02419952	Cottonford Creek near Elmore		X		1968
02419977	Threemile Branch at North Boulevard at Montgomery	X			2000-01
0241998910	Tributary to Sevenmile Creek tributary at Gunter Park at Montgomery	X	X	X	1999-01
				X	1992-93
0241998745	Pipe from Eastdale Mall parking to Eastdale Ditch at Montgomery	X	X	X	1992
				X	1992-93
0241998978	Childrens Zoo Ditch tributary at Montgomery	X	X	X	1992-93
0241998810	Civic Center Pipe at Montgomery	X	X	X	1992-93
02420000	Alabama River near Montgomery	X			1972-73, 75-92
			X		1968-73, 75-92
				X	1975-98,01
02420270	Autauga Creek near White City		X		1968
02420290	Autauga Creek at County Road 10 near Booth	X	X		1995
02420345	Bridge Creek at County Road 10 near Prattville	X			1995
			X		1968, 95
02420500	Autauga Creek at Prattville	X			1995
			X		1971, 95
02420855	Tributary to Camp Creek at Montgomery	X	X		1992-93
				X	1992
02421000	Catoma Creek near Montgomery		X		1968-69, 71-83
02421115	Pintlalla Creek at Liberty Church Road near Pintlalla	X			2000
				X	1999-01
02421135	Pinchony Creek near Davenport		X		1968-69
02421175	Pintlalla Creek near Montgomery		X		1968-69
02421205	Tallawessee Creek near Robinson Bend		X		1968-69
02421245	Swift Creek near Billingsley		X		1968, 2003
02421256	Swift Creek near Vida		X		1968
02421280	Swift Creek at Autaugaville		X		1965, 68
02421500	Big Swamp Creek near Hayneville		X		1969
02422000	Big Swamp Creek near Lowndesboro		X		1968-82
02422150	Little Mulberry Creek at Statesville		X		1968
02422190	Middle Fork Mulberry Creek above Maplesville		X		1968
02422200	Middle Fork Mulberry Creek near Maplesville		X		1965
02422330	Mulberry Creek near Maplesville		X		1968
02422500	Mulberry Creek at Jones		X		1966-70, 77-83
02422600	Uriah Creek at Burnsville		X		1966-68
02422780	Alabama River at Alternate 80 near Selma		X		1970
02422850	Blue Girth Creek near Selma		X		1965
02423000	Alabama River at Selma	X			1972-73
			X		1965-73
				X	1990-95,97-99,01
02423030	Valley Creek near Selma		X		1965
02423130	Cahaba River at Trussville	X			1990-91, 00-01
			X		1967-68, 79-80, 90-91, 00-01
				X	1979-80, 00-01
02423170	Big Black Creek (R-5) near Margaret		X		1997
02423180	Middle Black Creek (R-10) near Sanie		X		1997
02423183	Big Black Creek (R-1) near Acmar		X		1997
02413184	Little Black Creek (R-9) near Sanie		X		1997
02423185	Little Black Creek (R-3L) near Acmar		X		1997
02423187	Big Black Creek (C-1) near Braggsville		X		1997
02423188	Big Black Creek (C-4) above Whites Chapel		X		1997
02423189	Big Black Creek (C-6) near Whites Chapel		X		1997
02423190	Big Black Creek near Leeds		X		1967-68, 79-80,97
				X	1979-80
02423305	Cahaba River at U.S. Highway 78 near Leeds	X	X		1990-91
02423380	Cahaba River near Mountain Brook	X	X		1990-99
02423390	Cahaba River at BWWB Pump Station near Cahaba Heights	X			1990-91
0242339580	Little Cahaba River near Makeeta	X	X	X	2000-01
02423397	Little Cahaba River below Leeds	X	X	X	2000-01
02423398	Little Cahaba River near Leeds		X		1969, 79-80
				X	1979-80
02423400	Little Cahaba River near Jefferson Park	X			1987-00
			X		1986-00
02423403	Tributary to Shephard Branch near Leeds	X	X		1988-90
02423404	Shephard Branch near Leeds	X			1987-90
			X		1986-90
02423405	Lake Purdy at Irondale Bridge near Leeds	X			1987-99
			X		1986-99
0242340550	Cox Creek near Cahaba Heights	X	X		1987-99
0242340575	Lee Branch near Cahaba Heights	X	X		1987-99
02423406	Lake Purdy at State Highway 119 near Cahaba Heights	X			1987-91
			X		1986-91

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02423407	Tributary to Ike Pond Slough near Cahaba Heights	X	X		1987, 89-90
02423409	Lake Purdy near Cahaba Heights	X			1987-91
			X		1986-91
02423410	Little Cahaba River below Lake Purdy Dam near Cahaba Heights	X			1987-99
			X		1986-99
02423415	Cahaba River near Homewood		X		1967-68
02423425	Cahaba River near Cahaba Heights		X		1979-84
				X	1979-80
02423515	Patton Creek near Bluff Park below Patton Chapel	X	X	X	2000-01
02423536	Buck Creek at Buck Creek Road at Alabaster	X	X	X	2000-01
0242354650	Cahaba Valley Creek at Indian Trail Road near Indian Springs	X	X	X	2000-01
0242354750	Cahaba Valley Creek at Cross Creek Road at Pelham	X			2000-01
			X	X	1999-05
02423555	Cahaba River near Helena		X		1965-68
0242357007	Tributary to Shades Creek at Elder Street near Irondale	X	X		1992
02423572	Shades Creek tributary at Mountain Dale Road at Mountain Brook	X	X	X	1992
02423576	Shades Creek at Lakeshore Drive near Mountain Brook	X	X	X	2000-01
02423580	Shades Creek near Homewood		X		1967-68, 79-80
				X	1979-80
02423581	Shades Creek at Samford University at Homewood	X	X	X	2000-01
02423590	Unnamed tributary to Shades Creek at Fedex near Oxmoor	X	X	X	2000
02423620	Little Shades Creek at State Highway 150 near Bessemer	X			2000-01
			X		1980, 00-01
				X	1980, 00
02423623	Tributary to Little Shades Creek near Bessemer		X		1967-68
02423625	Shades Creek at Hopewell		X		1967-68
02423630	Shades Creek near Greenwood		X		1967, 69-83
				X	1979-81
02423639	Mud Creek near Greely		X		1971
02423647	Cahaba River near West Blocton		X		1978-83
				X	1979-82
02423729	Dry Creek at Spring Creek Road near Montevallo	X	X	X	2000-01
0242372950	Spring Creek at County Road 16 near Moores Crossroads	X	X	X	2000-01
02423730	Shoal Creek at Montevallo		X		1967-68
02423785	Mahan Creek near Brierfield		X		1968
02423800	Little Cahaba River near Brierfield		X		1965-68
02423870	Copperas Creek near Six Mile		X		1968
02423875	Six Mile Creek near Six Mile		X		1968
02423915	Schulz Creek near West Blocton		X		1968
02423945	Hill Creek near West Blocton		X		1968
02424000	Cahaba River at Centreville	X			1991-94, 00-01
			X		1965-68, 71-83, 91-94, 99-01
				X	1991-93, 99-01
02424035	Haysop Creek at Brent		X		1968
02424250	Blue Outee Creek near Harrisburg		X		1968
02424270	Old Town Creek near Heiberger		X		1968
02424500	Cahaba River at Sprott		X		1966, 68
02424590	Cahaba River near Suttle			X	1990-95, 97-99
02424910	Oakmulgee Creek near Perryville		X		1968
02424930	Little Oakmulgee Creek near Summerfield		X		1968
02424940	Oakmulgee Creek near Augustin		X		1980-84
02425000	Cahaba River near Marion Junction	X			1978
			X		1965, 73, 77-83
				X	1999-01
02425200	Big Swamp Creek near Orrville		X		1972, 82-83
02425400	Cedar Creek near Monterey		X		1964
02425500	Cedar Creek at Minter		X		1965-68, 73, 77-83
02425530	Dry Cedar Creek at Fostoria		X		1965
02425595	Cedar Creek near Berlin		X		1965
02425655	Mush Creek near Selma		X		1965-66, 69
02425800	Alabama River near Pinebelt		X		1973-74
02425940	Bogue Chitto Creek near Vilula		X		1968
02426000	Bogue Chitto Creek near Browns		X		1965-68, 71
02427000	Bogue Chitto Creek near Orrville		X		1965
02427100	Chilatchee Creek near Alberta		X		1965, 67
02427250	Pine Barren Creek near Snow Hill		X		1965, 67
02427300	Prairie Creek near Oak Hill		X		1965-67
02427350	Pine Barren Creek near Camden		X		1965
02427355	Pine Barren Creek at mouth below Camden		X		1965
02427470	Alabama River near Catherine			X	1990-95
02427500	Alabama River near Millers Ferry		X		1965-67
02427511	Alabama River near Midway			X	1990-94
02427520	Dixon Creek near Midway		X		1967

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02427540	Alabama River at Clifton's Landing		X		1965
02427630	Beaver Creek near Pine Hill		X		1965, 67
02427700	Turkey Creek at Kimbrough		X		1965-67, 69, 71-80, 82-83
02427720	Goose Creek near Kimbrough		X		1965
02427760	Unnamed Branch near Coal Bluff		X		1965
02427865	Pursley Creek above Camden		X		1965, 67
02428070	Bear Creek near Sunny South		X		1965
02428200	Alabama River near Lower Peachtree Landing		X		1965, 67
02428300	Tallatchee Creek near Vrendenburgh		X		1965-67
02428370	Cane Creek at Chance		X		1965
02428440	Flat Creek near Buena Vista		X		1967
02428475	Robinson Creek near Beatrice		X		1965
02428480	Robinson Creek near Scotland		X		1967
02428500	Flat Creek at Fountain		X		1965-67, 69
02428800	Brushy Creek at Peterman		X		1967
02429000	Limestone Creek near Monroeville		X		1965-67, 69, 71-73
02429500	Alabama River at Claiborne	X			1969, 71-95, 00
			X		1965-69, 71-96, 99-04
				X	1974-79, 82-04
02429520	Randon Creek near Frisco City		X		1967
02429525	Lovetts Creek near Frisco City		X		1967
02429580	Butterfork Creek near Uriah		X		1971-74
02429595	Little River near Uriah		X		1969, 71, 77-79
02429605	Little River at State Highway 59 near Little River	X			1994
			X		1967, 94
02429615	Alabama River near South Carlton		X		1967, 70
02429620	Alabama River below South Carlton		X		1967, 70
02429628	Turkey Creek at State Highway 59 near Blacksher	X			1994
			X		1967, 94
02429650	Majors Creek at State Highway 59 near Tensaw	X			1994-96
			X		1967, 94-96
02432000	Bull Mountain Creek at Schotsville		X		1966-67
02437784	Buttahatchee River below Lake Buttahatchee near Whitehouse		X		1964
02437791	Buttahatchee River near Whitehouse		X		1964, 66-67
02437793	Tributary to Buttahatchee River near Haleyville		X		1965
02437795	West Branch Buttahatchee River at Whitehouse		X	X	1979-80
02437800	Barn Creek near Hackleburg		X		1966-67
02437805	Barn Creek at U.S. Highway 278 near Hamilton		X	X	1979-80
02437810	Buttahatchee River above Pearces Mill		X	X	1980-81
02437815	Buttahatchee River near Pearces Mill		X		1966-67, 79-80
				X	1979-80
02437825	Camp Creek near Hamilton		X		1966-67, 79-80
				X	1979-80
02437850	Clifty Creek near Hamilton		X		1966-67
02437868	Williams Creek above Hamilton		X		1966-67, 79-80
				X	1979-80
02437900	Woods Creek near Hamilton		X		1966-67, 79-80
				X	1979-80
02438000	Buttahatchee River below Hamilton		X		1966-67, 77, 80-81
				X	1980-81
02438450	Buttahatchee River at Fulton Bridge		X	X	1979-80
02438550	Buttahatchee River at Henson Springs		X	X	1979-80
02438700	Mill Creek near Detroit		X		1972
02438710	Spruiell Branch near Detroit		X		1972
02438852	Beaver Creek near Guin		X	X	1979-80
02438900	Beaver Creek near Beaverton		X		1967
02439000	Buttahatchee River near Sulligent		X		1966-67, 80, 84
				X	1980
02439070	Hurricane Creek near Hamilton		X		1965
02439080	Hurricane Creek at Bexar		X		1966-67
02439110	Broadtree Creek near Bexar		X		1967
02439150	Sipsey Creek near Detroit		X		1966-67
02439155	Tributary to Sipsey Creek near Detroit		X		1972
02439157	Reedy Branch near Detroit		X		1972
02441498	Tombigbee River in Bendway at Columbus, MS	X			1989-90
			X		1989-90
				X	1987, 89, 93, 95, 97-98, 00
02441920	Luxapallila Creek near Glen Allen		X		1967-68, 79-80
				X	1979-80
02442000	Luxapallila Creek near Fayette		X		1965-68
02442500	Luxapallila Creek at Millport		X		1967, 82
				X	1982
02443030	Yellow Creek above Vernon		X		1967
02443110	Yellow Creek near Molloy		X		1967

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02443240	Mud Creek near Melborne		X		1967
02443610	Tombigbee River at Camp Pratt below Columbus, MS	X	X		1989-90
02443950	Coal Fire Creek near Coal Fire		X		1967
02444000	Coal Fire Creek near Pickensville		X		1966-68, 74, 77-82
				X	1982
02444157	Tombigbee River at State Highway 86 near Pickensville			X	1989-95,97-99
02444161	Tombigbee River below Aliceville Lock & Dam near Pickensville	X			1983-85
			X		1980-85
				X	1982
02444200	Big Creek near Pickensville		X		1967
02444210	Tombigbee River in Big Creek Bendway near Pickensville	X	X		1989-90
02444490	Bogue Chitto Creek near Memphis		X	X	1999-04
02444500	Tombigbee River near Cochrane	X			1969-75
			X		1967, 69-80
				X	1989-95,97
02444510	Blubber Creek near Aliceville		X		1967
02444850	Lubbub Creek near Reform		X		1967
02445000	Lubbub Creek near Carrollton		X		1966-68, 77-82
				X	1982
02445125	Bear Creek below Gordo		X		1967-68
02445145	Bear Creek near Dillburg		X		1967
02445155	Tombigbee River at Vienna Ferry		X		1967-68
02445245	New River near Winfield		X		1966-67, 79-80
				X	1979-80
02445250	Gulf Branch near Glen Allen		X		1982
02445253	Mallards Creek near Glen Allen		X		1982
02445290	Sipsey River near Bazemore		X	X	1980-81
02445320	Sipsey River near Hubbertville		X		1967-68, 79-80
				X	1979-80
0244532645	Boxes Creek Site F near Howard		X		1983
0244532650	Boxes Creek Site E-1 near Howard		X		1983
0244532655	Boxes Creek Site E near Howard		X		1983
0244532660	Boxes Creek Site D near Howard		X		1983
0244532665	Boxes Creek Site C-3 near Howard		X		1983
0244532670	Boxes Creek Site C-2 near Howard		X		1983
0244532672	Boxes Creek Site C-1 near Howard		X		1983
0244532675	Boxes Creek Site C near Howard		X		1983
0244532680	Boxes Creek Site B-2 near Howard		X		1983
0244532682	Boxes Creek Site B-3 near Howard		X		1983
0244532685	Boxes Creek Site B-1 near Howard		X		1983
0244532687	Boxes Creek Site B near Howard		X		1983
0244532690	Boxes Creek Site A near Howard		X		1983
02445327	Boxes Creek at County Road 63 near Howard		X		1980-84
				X	1980-83
02445328	Boxes Creek near Fowlers Crossroads		X		1982
02445330	Boxes Creek near Howard		X		1979-80
02445332	Dry Creek near Fowlers Crossroads		X		1982
02445335	Boxes Creek near Fowlers Crossroads		X		1982
				X	1979-80
02445400	Sipsey River above Fayette		X		1967-68
02445500	Sipsey River at Fayette		X		1967-68, 79-80
				X	1979-80
02446500	Sipsey River near Elrod	X			1986, 89-90
			X		1965-68, 72, 80-82, 86, 89-90
				X	1982
02446950	Brush Creek at Morrow's Grove		X		1967-68
02447000	Sipsey River near Pleasant Ridge		X		1967, 77-80
02447008	Tombigbee River at Cooks Bend above cut near Warsaw			X	1989, 91, 94, 99
02447010	Tombigbee River in Cooks Bendway near Warsaw	X	X		1989-90
				X	1989, 91, 94, 96
02447015	Fenske Creek near Cochrane		X		1965
02447025	Tombigbee River at Gainesville Lock & Dam near Gainesville		X		1978
				X	1978
02447026	Tombigbee River below Gainesville Lock & Dam near Gainesville		X		1978
				X	1978
02448500	Noxubee River near Geiger	X			1975, 86, 89-90
			X		1967-68, 72, 74-75, 77-82,
					1986, 89-90
				X	1975, 82
02448900	Bodka Creek near Geiger		X		1967-68
02449000	Tombigbee River at Gainesville	X			1971-94
			X		1967, 69, 71-94
				X	1975-93
02449005	Tubbs Creek near New Mount Hebron		X		1967-68

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02449050	Trussells Creek near Clinton		X		1967-68
02449150	Trussells Creek near New Mount Hebron		X		1967-68
02449245	Brush Creek near Eutaw		X		1982-83
02449250	Brush Creek near Lizzieville		X		1967-68
02449340	Factory Creek near Sumterville		X		1967-68
02449400	Jones Creek near Epes		X		1966
02449500	Tombigbee River at Epes		X		1967-68
02449750	Mulberry Fork near Brooksville		X		1967-68
02449775	Mulberry Fork near Holly Pond		X	X	1981
02449840	Duck Creek near Berlin		X		1967-68
02449870	Blue Spring near Blountsville		X		1971
02449890	Big Spring near Blountsville		X		1975
02449910	Eightmile Creek near Vinemont		X		1967-68
02449940	Broglan River near Cullman		X		1965-68
02449950	Broglan River near Hanceville		X		1967-68
02450000	Mulberry Fork near Garden City		X		1965-68, 71-83
				X	1979-81
02450160	Marriott Creek at Black Bottom near Blount Springs		X		1967-68, 78-79
				X	1978-79
02450180	Mulberry Fork near Arkadelphia		X		1967-68, 79-81, 84
				X	1979-81
02450200	Dorsey Creek near Arkadelphia		X		1966-68, 78, 80-81
				X	1978, 80-81
02450215	Dorsey Creek below Arkadelphia		X	X	1978-81
02450250	Sipsey Fork near Grayson	X	X		1966-96
				X	1966-93,96
02450300	Sipsey Fork near Antioch Church		X		1966-67
02450450	Brushy Creek near Moreland		X		1966-67
02450600	Clear Creek near Natural Bridge		X	X	1979-80
02450620	Little Clear Creek near Double Springs		X		1966-67
02450800	Clear Creek near Double Springs		X		1966-67, 79-81
				X	1979-81
02450825	Clear Creek at New Hope Church near Poplar Springs		X	X	1979-81
02450850	Clear Creek near Poplar Springs		X		1966-67
02451535	Blevens Creek near James Chapel		X		1967-68
02451538	Brushy Fork near Addison		X		1967
02451540	Brushy Fork (East Fork) Sipsey Fork near Addison		X		1966
02451550	Jaybird Creek near West Point		X		1966
02451580	Crooked Creek near Logan		X		1967-68, 79-81
				X	1979-81
02451750	Vest Creek near Baldwin		X		1966, 68
02451770	Ryan Creek near Cullman		X		1967-68, 79-81
				X	1979-81
02451920	Lewis Smith Reservoir near Jasper		X		1966
02451952	Sipsey Fork below Lewis Smith Dam near Jasper		X		1979-81
				X	1980-81
02452000	Sipsey Fork near Jasper		X		1967
02452495	Leeth Creek near Sipsey		X		1979-81
				X	1980-81
02452540	Mathis Creek near Sumiton		X	X	1979
02452600	Blackwater Creek at Ashbank		X		1966-67, 80
				X	1980
02452660	Splunge Creek at Ashbank		X		1966-67, 79-80
				X	1979-80
02452680	Browns Creek at Stone Church		X		1966-67
02452700	Browns Creek near Ashbank		X		1967
02452701	Blackwater Creek near Nauvoo		X		1967, 79-80
				X	1979-80
02452815	Blackwater Creek near Saragoosa		X	X	1980
02452900	Spring Creek tributary near Manchester		X		1965, 78
				X	1978
02453000	Blackwater Creek near Manchester		X		1965-68, 71-73, 78-83
				X	1978-81
02453020	Blackwater Creek near Jasper		X		1967-68, 78-80
				X	1978-80
02453050	Mulberry Fork near Argo		X		1967-68
02453384	Cane Creek at Cameron		X		1978-80
				X	1979-80
02453400	Flat Branch near Jasper		X		1966-67
02453700	Mulberry Fork near Highlevel		X		1967-68
02453810	Unnamed Tributary to Lost Creek tributary near Kansas		X		1982
02453811	Unnamed Tributary to Lost Creek tributary near Eldridge		X		1982
02453815	Unnamed Tributary to Lost Creek near Carbon Hill		X		1982
02453828	West Fork Lost Creek near Townley		X		1979, 82
				X	1979

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02453835	Trinity Creek near Carbon Hill		X	X	1979-82
02453836	Allen Creek near Howard		X		1980, 82
				X	1980
02453837	Tributary to Cranford Creek near Howard		X	X	1980
0245383750	Cranford Creek near Carbon Hill		X		1982
02453839	Lost Creek east of Carbon Hill		X	X	1979
02453895	Lost Creek below Carbon Hill		X	X	1980
02453900	Cheatham Creek near Carbon Hill		X		1967-68, 78-80
				X	1978-79
02453930	Lost Creek near Holly Grove		X	X	1980
02453950	Lost Creek near Jasper		X		1966-67, 72, 78
				X	1978
02454000	Lost Creek near Oakman		X		1965-68, 78-82
				X	1978-81
02454065	Unnamed Branch near Oakman		X		1965
02454070	Spring tributary to Black Branch near Oakman		X		1965
02454072	Black Branch near Oakman		X		1965, 75, 78-81
				X	1978-80
02454095	Cane Creek near Parrish		X	X	1979-80
02454140	Wolf Creek near Howard		X		1980, 82-84
				X	1980, 82
02454150	Wolf Creek near Townley		X		1982
02454155	Wolf Creek at State Highway 102 near Townley		X	X	1979
02454160	Jess Creek at State Highway 102 near Townley		X		1982
02454169	Pendley Creek near Pea Ridge		X		1982
02454173	Pendley Creek near Corona		X		1982
02454175	Wolf Creek at Corona		X	X	1979
02454185	Blue Water Creek near Berry		X	X	1979
02454188	Little Blue Water Creek near Corona		X		1982
02454190	Tributary to Blue Water Creek near Oakman		X	X	1979-80
02454200	Wolf Creek near Oakman		X		1965-68, 78-82
				X	1978-80, 82
02454243	Indian Creek near Oakman		X		1982
02454250	Lost Creek near Goodsprings		X		1967-68
02454400	Locust Fork at Walnut Grove		X		1967
02454410	Locust Fork below Walnut Grove	X	X		1992, 94
02454420	Cove Spring near Walnut Grove	X			1992, 94-97
			X		1971, 92, 94-97
02454460	Locust Fork at Snead	X	X		1992
02454500	Locust Fork below Snead	X			1992-97
			X		1966-68, 79-81, 92-97
02454515	Slab Creek at Boaz	X	X		1992
02454520	Slab Creek near Needmore	X	X		1992
02454535	Slab Creek below Horton	X	X		1992
				X	1979, 81, 92
02454550	Slab Creek near Nixon Chapel	X			1992, 94-97
			X		1980, 92, 94-97
				X	1980, 92
02454700	Locust Fork at Stracener Bridge near Clarence	X	X		1993-95
02454850	Whipporwill Creek near Wynnville	X			1992, 94
			X		1967-68, 92, 94
002454990	Graves Creek near Blountsville	X	X		1992
02454995	Graves Creek below Blountsville	X	X		1992, 94-97
02455000	Locust Fork near Cleveland	X			1992-97
			X		1966-75, 79-81, 92-97
				X	1979-81
02455040	Locust Fork at State Highway 160 near Cleveland	X	X		1993-95
02455185	Blackburn Fork near Holly Spring	X	X		1998-99
02455204	Blackburn Fork near Remlap	X			1992
			X		1979-80, 92
				X	1979-80
02455210	Walker Spring Creek near Allgood	X	X		1992, 94
02455220	Blackburn Fork near Hendrick Mill	X	X		1993-97
02455240	Calvert Prong Creek above Oneonta	X	X		1992
02455243	Calvert Prong Creek below Oneonta	X	X		1992
02455247	Calvert Prong Creek below Jones Creek near Oneonta	X	X		1992
02455250	Calvert Prong Creek near Oneonta	X			1992
			X		1967-68, 92
02455265	Calvert Prong Creek at Gordons Dam near Cleveland	X	X		1995-97
02455270	Calvert Prong Creek near Locust Fork	X			1992, 94
			X		1967-68, 79-80, 92, 94
				X	1979-80, 92
02455280	Little Warrior River near Locust Fork	X			1992-97
			X		1967-68, 92-97

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02455300	Locust Fork near Locust Fork	X			1992,94
			X		1967-68, 80, 92,94
				X	1980
02455325	Sugar Creek at State Highway 160 near Nectar	X	X		1993-95
02455360	Pannell Creek at State Highway 160 near Nectar	X	X		1993-95
02455380	Hallmark Creek near Locust Fork	X	X		1994-95
02455400	Locust Fork at Blalock Bridge near Wallstown	X	X		1993-95
02455402	Unnamed Creek above Hayden Landfill near Hayden	X	X		1994
02455404	Unnamed Creek below Hayden Landfill near Hayden	X	X		1994-95
02455410	Whites Creek above Little Shenandoah Community near Adville	X	X		1994-95
02455412	Whites Creek below Little Shenandoah Community near Adville	X	X		1993-95
02455425	Hayes Creek near Hayden	X	X		1994-95
02455450	Kelly Creek below proposed landfill near Trafford	X	X		1993-95
02455470	Longs Branch at State Highway 79 near Selfville	X	X		1994-97
02455475	Longs Branch at county road near Trafford	X	X		1993-97
02455500	Locust Fork at Trafford	X			1992-97
			X		1967-68, 74, 79-80, 92-97
				X	1979-80
02455970	Penny Spring near Pinson		X		1977
02456000	Turkey Creek at Morris		X		1966-72, 74, 76, 79-80
				X	1976-77, 79-80
02456044	Spring tributary to Turkey Creek below Morris		X		1977
02456045	Tributary to Turkey Creek below Morris		X	X	1976-77
02456050	Turkey Creek above Kimberly		X		1976-77, 79-80
				X	1976, 79-80
02456053	Spring tributary to Turkey Creek near Kimberly		X		1977
02456055	Tributary to Turkey Creek near Kimberly		X	X	1976-77
02456300	Crooked Creek at headwaters at Mt. Olive	X	X		1996
02456303	Crooked Creek tributary at Interstate 65 near Morris	X	X		1998-99
02456305	Crooked Creek above Morris	X	X		1996-99
02456310	Crooked Creek near Mt. Olive	X			1996
			X		1976-77, 96
				X	1976-77
02456320	Tributary to Crooked Creek near Mt. Olive		X	X	1976
02456322	Crooked Creek below Mt. Olive		X	X	1976
02456327	Tributary to Crooked Creek near Morris		X		1976-77
02456330	Crooked Creek near Morris	X			1996-97
			X		1976-77, 79-80, 96-97
				X	1976-77, 79-80
02456500	Locust Fork at Sayre		X		1965-68, 70-83
				X	1979-81
02456900	Fivemile Creek at Fivemile Road near Huffman	X		X	2000-01
			X		2000-01, 04
02456980	Fivemile Creek at Lawson Road near Tarrant City	X		X	2000-01
			X		2000-01, 04
02456997	Robinwood Spring near Robinwood		X		1976
02456999	Fivemile Creek at Tarrant Park near Tarrant	X	X		2005
02457000	Fivemile Creek at Ketona		X		1966-68, 74, 79-80, 2004
				X	1979-80
02457500	Fivemile Creek at Tarrant City	X	X		2004
02457502	Fivemile Creek below Springdale Road near Tarrant	X	X		2005
02457510	Fivemile Creek at Lewisburg	X	X		2005
02457595	Fivemile Creek near Republic		X		2004
02457599	Fivemile Creek at Republic	X	X		2005
02457650	Fivemile Creek at Cardiff		X		1967-68, 78
				X	1978
02457700	Fivemile Creek at Linn Crossing		X		1966-67, 69-72, 79-80, 2005
				X	1979-80
		X			2005
02458000	Locust Fork at Palos		X		1973-74, 80
02458150	Village Creek at East Lake in Birmingham	X	X		2000-01
				X	1980, 2000-01
02458180	Tributary to unnamed tributary near Georgia Road at Birmingham	X	X	X	1992
02458203	Tributary to unnamed tributary at 10th Avenue and L&N Railroad at Birmingham	X	X	X	1992
02458300	Village Creek at 24th Street at Birmingham	X	X		2000-01
02458375	Unnamed tributary to Village Creek at Dixie Hub Center at Birmingham	X	X	X	1992-93
02458450	Village Creek at Avenue W at Ensley	X			2000-01
			X		1980,00-01
				X	1980
02458600	Village Creek near Docena	X	X		2000

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02460500	Village Creek near Adamsville	X			1978
			X		1966-67, 72-73, 75, 77-83
				X	1979-81
02460505	Village Creek at Porter		X		1973-74
02460600	Locust Fork at Powhatan		X		1967-68
02460700	Short Creek at Short Creek		X		1965
02461120	Valley Creek at 5th Avenue and 7th Street at Birmingham	X	X		1992, 00-01
				X	1992
02461122	Highway runoff into Valley Creek tributary at Birmingham	X	X	X	1993
02461200	Valley Creek at Cleburne Avenue near Powderly	X	X	X	2000-01
02461300	Valley Creek at U.S. Highway 11 at Birmingham	X	X		2000-01
02461450	Opossum Creek near Rutledge Springs		X		1975
02461670	Fivemile Creek at Nevel Road near McCalla	X	X	X	2000-01
02462000	Valley Creek near Oak Grove		X		1965-67, 72-83
				X	1979-81
02462025	Lost Creek near Pleasant Grove		X		1969
02462040	Rock Creek near Hopkins		X		1967, 78-81
				X	1978-80
02462050	Valley Creek at Toadvine Road near Oak Grove		X	X	1979-80
02462065	Mud Creek at Mud Creek		X		1980-81
				X	1980
02462070	Woods Creek near Bessemer		X	X	1980-81
02462080	Mud Creek near Oak Grove		X		1967-68, 78-81
				X	1978-81
02462255	Tributary to Walker County Shoal Creek near Tutwiler School		X	X	1978-79
02462257	Tributary to Walker County Shoal Creek near Tutwiler School		X	X	1978-79
02462470	Big Yellow Creek near Boley Springs		X		1980, 82
				X	1980
02462472	Big Yellow Creek near Sandtown		X		1982
02462480	Big Yellow Creek near Whitson		X		1967-68, 79-84
				X	1979-80, 82
0246248110	Tributary to Little Yellow Creek Site G near Whitson		X		1983
0246248120	Tributary to Little Yellow Creek Site F near Whitson		X		1983
0246248130	Tributary to Little Yellow Creek Site E-2 near Whitson		X		1983
0246248140	Tributary to Little Yellow Creek Site E-1 near Whitson		X		1983
0246248150	Tributary to Little Yellow Creek Site D near Whitson		X		1983
0246248170	Tributary to Little Yellow Creek Site C-2 near Whitson		X		1983
0246248180	Tributary to Little Yellow Creek Site C-1 near Whitson		X		1983
0246248190	Tributary to Little Yellow Creek Site B near Whitson		X		1983
0246248198	Tributary to Little Yellow Creek Site A near Whitson		X		1983
02462482	Tributary to Little Yellow Creek near Boley Springs		X		1980, 83-84
				X	1980, 83
02462483	Little Yellow Creek near Boley Springs		X	X	1980
02462485	Tributary to Little Yellow Creek near Sandtown		X	X	1980
02462486	Little Yellow Creek near Sandtown		X		1980, 82
				X	1980
02462487	Little Yellow Creek near Samantha		X		1982-84
				X	1982-83
02462489	Dry Creek near Sandtown		X		1982
02462490	Little Yellow Creek near Whitson		X		1977, 79-84
				X	1977, 79-80, 82-83
02462491	North Branch Fourmile Creek near Wiley		X		1982
02462492	South Branch Fourmile Creek near Wiley		X		1982
				X	1977, 79-80, 82-83
02462500	Black Warrior River at Bankhead Lock & Dam near Bessemer		X		1967-68, 80
				X	1980
02462501	Black Warrior River Below Bankhead Lock & Dam near Bessemer	X			2000
			X	X	1999-01
02462590	Blue Creek near Wiley		X		1982-84
				X	1983
02462592	Tributary to Blue Creek near Wiley		X		1983-84
02462596	Blue Creek above State Highway 69 near Oakman		X		1983
02462600	Blue Creek near Oakman	X			1977-81
			X		1966-68, 77-84
				X	1977-83
02462625	Blue Creek near Windham Springs		X		1977, 79-84
				X	1977, 79, 82
02462630	Moore Creek near Windham Springs		X		1982
02462650	Blue Creek near Spencer Hill		X		1975, 77, 79-82
				X	1977, 79-80, 82
02462685	Davis Creek at Abernatt		X		1975, 79-81
				X	1979-81

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02462800	Davis Creek below Abernant		X		1966-68, 71-72, 79-81
				X	1979-80
02462805	Hannah Mill Creek near Brookwood		X		1965
02462812	Hannah Mill Creek near Burchfield	X			1980-81
			X		1978-82
				X	1978-81
02462828	Cane Creek near Searles		X	X	1979
02462830	Cane Creek near Burchfield		X	X	1978
02462840	Davis Creek near Antioch Church near Searles		X		1979-82
				X	1979-81
02462941	Tributary to Rocky Branch near Peterson		X	X	1977
02462951	Black Warrior River at Holt Lock & Dam near Holt		X	X	1980
02462970	Yellow Creek near Windham Springs		X	X	1977, 79
02462973	Tributary to Yellow Creek near Windham Springs		X	X	1977, 79
02462980	Yellow Creek above Northport	X	X		1977-79
				X	1977-82
02462985	Tributary to Yellow Creek near Northport	X			1977-79
			X		1977-81
				X	1977-79, 81
02462990	Yellow Creek near Northport	X			1977-79
			X		1977-84
				X	1977-83
02462991	Tributary to Yellow Creek above Watermelon Road near Tuscaloosa	X	X	X	1977-81
02462992	Yellow Creek at Watermelon Road near Tuscaloosa		X	X	1977
02463090	Cypress Creek near Holt		X	X	1977, 79
02463200	Hurricane Creek near Cedar Cove	X			1980-81
			X		1975, 78-82
				X	1978-81
02463500	Hurricane Creek near Holt		X		1965-68, 75, 78-80
				X	1978-80
02463510	Hurricane Creek near Peterson		X		1980-81
				X	1980-82
02463536	North River at Studdards Crossroads	X			1991
			X		1982, 91
02463540	North River near Philadelphia		X		1967-68, 82, 90-91
02463545	North River below Lowery Branch above Berry		X	X	1979
02463550	George Creek near Pea Ridge		X		1982, 2005
02463560	Beaver Creek near Hubbertville		X		1967-68, 82
02463580	Tributary to Cane Creek near Pea Ridge		X	X	1978-80, 82
02463585	Cane Creek near Berry	X			1990-91
			X		1979-80, 82-84, 90-92
				X	1979-80, 82
02463587	North River near Bankston	X			1990-91
			X		1990-92
02463605	Ellis Creek near Cleveland		X		1978-79
				X	1978-79
02463610	Ellis Creek near Berry		X	X	1978
02463670	Clear Creek near Bankston		X		1967-68
02463700	North River near Berry	X			1990-91
			X		1967-68, 82, 90-92
02463780	Pine Branch near Berry		X		1982
02463790	Little Cedar Creek near Berry		X		1982
02463795	Cedar Creek near Boley Springs		X		1982
02463805	Unnamed Tributary to Cedar Creek at Berry		X		2005
02463810	Cedar Creek below Berry		X		2005
02463835	Tributary to Freeman Creek near New Lexington		X		1978-80
				X	1979-80
02463836	Freeman Creek near New Lexington		X		2005
02463837	Boone Creek at US Hwy 43 near New Lexington		X		2005
02463838	Boone Creek near New Lexington		X	X	1980
02463839	Tyro Creek near Berry		X		1982
02463840	Tyro Creek near Boley Springs		X		1977, 79-80, 82
				X	1977, 79-80
02463850	Tyro Creek near New Lexington		X		1968, 77, 79, 82-84
				X	1977, 79, 82
02463880	Tributary to Bear Creek near Samantha		X		1977, 79, 82-84
				X	1979, 82
02463890	Dry Branch near Samantha	X			1977-79
			X		1977-81
				X	1977-79, 81
02463900	Bear Creek near Samantha	X			1977-80
			X		1977-84
				X	1977-83
02463990	Tributary to North River at Old Jasper Road near Samantha		X		2005

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02464000	North River near Samantha	X	X		1975-76, 84-99 1966-68, 71, 73-76, 79-99, 2005
				X	1975, 79-81, 83
02464015	Cripple Creek above Finley Branch near Samantha		X	X	1980
02464020	Johnson Branch near Utley		X	X	1977, 79, 82
02464025	Cripple Creek near Samantha	X			1992
			X		1977, 79-84, 92
				X	1977, 79-80, 82
02464032	Little Creek near Samantha		X		1980, 82-84
				X	1980, 83
02464035	Cripple Creek east of Samantha	X	X		1977-81, 84-95
				X	1977-84, 86-95
				X	1977-83
02464040	North River below Cripple Creek near Samantha		X		1982-83
02464050	North River at Hagler Road near Samantha		X		2005
02464075	Dry Creek near Windham Springs		X		1982
02464080	Tributary to Dry Creek near Windham Springs		X		1982
02464100	Dry Creek near Samantha	X			1985-88
			X		1982-88
				X	1983
02464110	Dry Creek near Northport		X		1982-83
02464143	Tributary to Turkey Creek near Samantha		X	X	1977
02464145	Turkey Creek near Tuscaloosa	X		X	1977-79
			X		1977-80
02464146	Turkey Creek near Tuscaloosa	X	X		1987-99
			X		1981-84, 87-99
				X	1981-84
02464149	Turkey Creek near Patterson Chapel	X			1984-93
			X		1982-93
				X	1983
0246414950	Turkey Creek near Lake Tuscaloosa near Tuscaloosa		X		1975
02464150	Turkey Creek near Samantha		X		1967-68
02464155	Lake Tuscaloosa at Hilltop Estates Landing near Northport	X			1975, 84-86
			X		1975, 83-86
				X	1975
02464300	Binion Creek near Moores Bridge		X		1979-81
				X	1979-80
02464313	Barbee Creek near New Lexington		X		1977, 79-81
				X	1977, 79-80
02464317	Barbee Creek near Samantha		X		1977, 79-83
				X	1977, 79-80, 83
02464319	Barbee Creek below Samantha		X		2005
02464360	Binion Creek below Gin Creek near Samantha	X			1984-99
			X		1975, 82-99
				X	1983
02464380	Binion Creek near Samantha		X		1967-68, 70
02464400	Lake Tuscaloosa at Tierce Patton Road near Northport	X			1984-85, 87-95
			X		1983-95
02464499	Lake Tuscaloosa above State Highway 69 near Tuscaloosa		X		1983
02464500	Lake Tuscaloosa at State Highway 69 near Tuscaloosa	X			1984-85, 87-95
			X		1965-68, 84-95
02464505	Tierce Creek near Northport	X			1975, 84-88
			X		1975, 83-88
				X	1983
02464640	Carroll Creek near Brownville		X	X	1979-80
02464655	Carroll Creek at US Highway 43 near Northport		X		2005
02464658	Tributary to Carroll Creek at Mitt Lary Road near Northport		X		2005
02464660	Carroll Creek at State Highway 69 near Northport	X			1984-95
			X		1975, 83-95, 2005
				X	1983
02464670	Lake Tuscaloosa at Site C1 near Northport		X		1986
02464680	Brush Creek near Northport	X			1975, 85-88
			X		1975, 83-88
				X	1983
02464685	Lake Tuscaloosa at Site D1 near Northport		X		1986
02464800	Lake Tuscaloosa near Tuscaloosa	X			1984-99
			X		1979-81, 83-99
				X	1979-81
02464802	North River below Lake Tuscaloosa Dam near Tuscaloosa		X		1982
02465000	Black Warrior River at Northport		X		1965-83
				X	1979-81, 83-91, 93-95, 99-01
02465200	Lake Creek near Northport		X		1966-67
02465205	Jay Creek near Coker		X		1966-67
02465280	Black Warrior near Fosters		X		1967-68, 71

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02465292	Cribb Mill Creek at Southern Railroad near Tuscaloosa		X		1969
02465375	Big Sandy Spring near Coaling		X		1969
02465400	Big Sandy Creek at Duncanville		X		1967-69
02465490	Big Sandy Creek near Moundville		X		1969
02465492	Grants Creek near Fosters		X		1967-68
02465493	Elliotts Creek at Moundville		X		1966-68, 82-83
02465494	Elliotts Creek below Moundville		X		1966
02465495	Gabriel Creek near Moundville		X		1968
02465496	Whatley Creek near Moundville		X		1966
02465500	Fivemile Creek near Greensboro		X		1966-68, 71-72, 74
02465670	Minter Creek below Deadmans Branch near Eutaw		X		1967-68
02465900	Big Brush Creek near Greensboro		X		1967-68
02465944	Big Brush Creek above Dry Creek near Wedgeworth		X		1967-68
02465946	Dry Creek near Wedgeworth		X		1964
02465948	Dry Creek near Wedgeworth		X		1964
02465949	Dry Creek near Akron		X		1967-68
02465950	Big Brush Creek near Wedgeworth		X		1967-68
02466000	Black Warrior River near Eutaw		X		1967-68
02466031	Black Warrior River below Selden Dam near Eutaw	X	X		1978-93
02466045	Black Warrior River below Warrior Lock & Dam near Sawyerville		X	X	1979-88, 90-93 1978
02466300	Pole Cat Creek near Newbern		X		1965
02466500	Big Prairie Creek near Gallion		X		1967-68
02466600	Little Prairie Creek near Newbern		X		1967-68
02466800	Big German Creek near Greensboro		X		1967-68
02467000	Tombigbee River at Demopolis Lock & Dam near Coatopa		X		1966-70
02467001	Tombigbee River below Demopolis Lock & Dam near Coatopa		X	X	1971-73, 75, 85, 89-90 1971-73, 75-76, 85, 89-90
02467050	Tombigbee River near Coatopa		X		1966-68
02467480	Sucarnoochee River near Boyd		X		1967-68
02467500	Sucarnoochee River at Livingston		X		1967-68, 72-84
02468000	Alamuchee Creek near Cuba		X		1965-68
02468140	Toomsaba Creek at York		X		1967-68
02468200	Sucarnoochee River near Bellamy		X		1967-68
02468270	Cotohager Creek near Whitfield		X		1967-68
02468300	Double Creek near Jefferson		X		1967
02468470	Dry Creek near Thomaston		X		1967
02468490	Powell Creek near Linden		X		1967
02468500	Chickasaw Bogue near Linden		X		1966-69, 72-84 1990-91
02469000	Kinterbish Creek near York		X		1965-68
02469100	Tombigbee River at Pennington		X		1967
02469300	Beaver Creek near Myrtlewood		X		1967
02469496	Bogvelichitto Creek near Lisman		X		1967, 69
02469500	Tuckabum Creek near Butler		X		1965-67, 73
02469520	Yantley Creek near Jachin		X		1967
02469525	Tombigbee River near Nanafalia		X		1971 1990-95, 97-00
02469550	Horse Creek near Sweetwater		X		1965-66, 69, 73
02469565	Horse Creek near Putnam		X		1967
02469575	Wahalak Creek near Butler		X		1967
02469600	Bashi Creek near Campbell		X		1965-67, 69
02469610	Tombigbee River at Campbell		X		1967
02469675	Okatuppa Creek at Okatuppa		X		1967, 69
02469692	James Creek near Paragon		X		1970
02469694	Puss Cuss Creek near Gilbertown		X		1967-74
02469700	Okatuppa Creek at Gilbertown		X		1965-68
02469705	Okatuppa Creek at Moseleys Bridge near Gilbertown		X		1965-66
02469708	Mill Creek above Little Mill Creek near Gilbertown		X		1965-66
02469710	Little Mill Creek at Gilbertown		X		1970-74
02469711	Little Mill Creek at mouth near Gilbertown		X		1965-74
02469712	Mill Creek below Little Mill Creek near Gilbertown		X		1969
02469714	Okatuppa Creek below Mill Creek near Barrytown		X		1965-66, 69
02469722	Surveyors Creek near Womack Hill		X		1965-66, 70
02469724	Tributary to Surveyors Creek near Womack Hill		X		1965-66
02469727	Surveyors Creek near Barrytown		X		1965-74
02469730	Okatuppa Creek near Barrytown		X		1965-74
02469754	Turkey Creek near Bolinger		X		1967, 69
02469761	Tombigbee River at Coffeeville Lock & Dam near Coffeeville		X		1967, 69-70
02469762	Tombigbee River below Coffeeville Lock & Dam near Coffeeville	X		X	1971-73, 75-96, 00 1970-96, 99-05
02469765	Tombigbee River near Coffeeville		X		1966
02469767	Taylor Creek near Millry		X		1965
02469769	Dunbar Creek near Millry		X		1965

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02469775	Santa Bogue Creek near Frankville		X		1967
02469790	Satilpa Creek near Clarksville		X		1967
02469800	Satilpa Creek near Coffeeville	X			1978
			X		1965-67, 69, 71-73, 77-83
02470035	Jackson Creek near Satilpa		X		1967, 70
02470040	Tombigbee River near Jackson	X			1970-74
			X		1966-74
				X	1969, 89-95, 97-00
02470075	East Bassett Creek near Dickinson		X		1967
02470100	East Bassett Creek at Walker Springs		X		1965-67, 69
02470200	West Bassett Creek near Chatom		X		1967, 69
02470202	West Bassett Creek near Wagarville		X		1965
02470205	Bassett Creek at Bassetts Creek		X		1967
02470240	Tombigbee River near Carlton		X		1971
02470270	Lewis Creek near McIntosh		X		1967, 69
02470280	Tombigbee River near McIntosh		X		1967
02470340	Bates Creek near Malcolm		X		1967
02470370	Bilbo Creek near McIntosh		X		1967, 69
02470500	Mobile River at Mount Vernon		X		1967
				X	1987
02470520	Cedar Creek below Branch near Citronelle		X		1968-74
02470530	Cedar Creek at County Road 36 near Citronelle		X		1964, 67
02470560	Little Creek at Citronelle		X		1971-74
02470605	Cedar Creek above Cedar Creek Falls		X		1967
02470607	Bull Branch Creek near Citronelle		X		1967-70
02470610	Cedar Creek at Cedar Creek Falls		X		1964, 67-72
02470615	Cedar Creek at Mount Vernon		X		1967
02470629	Mobile River at city intakes at Bucks	X	X	X	1991
02470649	Cold Creek Reservoir near Bucks		X		1971
02470700	Mobile River at L & N Railroad Bridge near Hurricane		X		1980
02470800	Bayou Sara near Saraland		X		1967, 73
02470910	Chickasaw Bogue at county road near Gulfcrest		X		1964, 67-74
02470925	Chickasaw Creek at Chunchula		X		1967
02471000	Chickasaw Creek near Whistler		X		1964-67
02471001	Chickasaw Creek near Kushla		X		1969, 71-80, 82-83
02471002	Seabury Creek near Lott		X		1969
02471004	Red Creek near Semmes		X		1969
02471005	Clear Creek at U.S. Highway 98 at Mobile		X		1969
0247100550	Eightmile Creek at Mobile	X	X		1993-99
				X	1995
02471006	Eightmile Creek near Eightmile		X		1967
02471010	Mobile River at U.S. Highway 90 near Prichard		X		1967, 79-80
02471013	Threemile Creek at Zeigler Boulevard at Spring Hill	X	X		2000-03
0247101475	Threemile Creek at Fillingim Street at Mobile	X	X		2000-03
0247101490	Threemile Creek at Stanton Road at Mobile	X	X		2000-03
0247101495	Unnamed Tributary to Threemile Creek at Center Street at Mobile	X	X		2000-02
0247101520	Threemile Creek 400 feet downstream Stone Street at Mobile		X		2002
0247101530	Threemile Creek 3000 feet upstream Conception Street at Mobile		X		2002
0247101550	Toulmins Spring Branch at Graham Avenue at Mobile	X	X		2000-02
0247101570	Threemile Creek 400 feet upstream Conception Street at Mobile		X		2002
0247101590	Threemile Creek 1000 feet upstream U.S. Highway 43 at Mobile		X		2002
02471016	Threemile Creek at U.S. Highway 43 near Prichard	X	X		2000-03
02471018	Mobile River at Bankhead Tunnel near Mobile		X		1971
02471019	Tensaw River below Mount Vernon			X	1987
02471025	Halls Creek at State Highway 59 near Latham	X	X		1994
02471028	Rains Creek near Stockton		X		1969
0247102810	Rains Creek at State Highway 59 near Stockton	X	X		1994
02471029	Dennis Creek at State Highway 225 near Stockton		X		1969
02471030	Martin Branch at State Highway 225 near Stockton	X			1994
			X		1967, 94
02471031	Red Hill Creek at State Highway 225 below Stockton		X		1969
02471032	Tensaw River at L&N Railroad Bridge near Hurricane		X		1980
02471034	Tensaw River at U.S. Highway 90 Causeway near Mobile		X		1979-80
				X	1987
02471035	Bay Minette Creek at County Road 39 near Stapleton	X			1993-96
			X		1967, 93-96
				X	1994
02471036	Whitehouse Creek near Bromley		X		1967
02471039	Blakeley River at U.S. Highway 90 Causeway near Mobile		X		1979-80
				X	1987
02471040	Apalachee River at U.S. Highway 90 Causeway near Mobile		X		1979-80
				X	1979, 87
02471045	Montlamar Creek at Airport Boulevard at Mobile		X		1965
02471065	Montlamar Creek at U.S. Highway 90 at Mobile		X		1965-67

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
02471067	Highway runoff into Moores Creek tributary at I-10 at Mobile	X	X		1993, 95
				X	1993
02471075	Halls Mill Creek near Theodore		X		1967
02471078	Fowl River at Half-Mile Road near Laurendine		X		1967
				X	1995
02479418	Escatawpa River at Escatawpa		X		1967
02479425	Escatawpa River at Deer Park		X		1967
02479438	Beaver Pond Branch near Citronelle		X		1969-74
02479439	Beaver Pond Branch tributary near Citronelle		X		1967-74
02479447	Beaver Pond Branch at mouth near Citronelle		X		1964, 67-74
02479450	Escatawpa River at County Road 96 near Citronelle		X		1965, 67
02479465	Puppy Creek at Citronelle		X		1970-74
02479466	Puppy Creek on Russell Road near Citronelle		X		1970-74
02479467	Tributary to Puppy Creek near Citronelle		X		1971-74
02479468	Puppy Creek at county bridge near Citronelle		X		1964, 66-74
02479500	Escatawpa River near Wilmer		X		1964-67, 69, 71-74
02479560	Escatawpa River near Agricola, MS	X		X	1979-93
			X		1974-93
02479583	Flat Creek near Wilmer		X		1969
02479935	Big Creek near Bootheville	X	X		1999
02479940	Big Creek at Mason Ferry Road near Georgetown	X	X		1999-00
02479944	Jackson Branch at Howard Morris Road near Wilmer	X	X		1999-03
02479945	Big Creek at County Road 63 near Wilmer	X	X		1991-04
				X	1992-95
0247994650	Juniper Creek at Jack Williams Road near Georgetown	X	X		1999-04
02479947	Juniper Creek at Coleman Dairy Road near Wilmer	X	X		1999-04
02479948	Juniper Creek at Glenwood Road near Fairview	X	X		1991-04
				X	1992-94
02479950	Collins Creek at Glenwood Road near Fairview	X			1991-01
			X		1969, 91-01
				X	1992-95
02479955	Long Branch near Wilmer	X	X		1991, 94-00
				X	1994-95
02479957	Big Creek Lake at U.S. Highway 98 near Wilmer	X			2000-03
			X		1991-92, 00-03
				X	1991-92
02479958	Unnamed tributary to Big Creek Lake below U.S. 98 near Fairview	X	X		1992
02479960	Boggy Branch at County Road 5 near Wilmer	X	X		1991, 94-01
				X	1994-95
02479965	Big Creek Lake below Mill Branch near Wilmer	X			2000-02
			X		1991-92, 00-02
				X	1991-92
02479975	Crooked Creek at Wulff Road near Semmes	X	X		1999-01
02479980	Crooked Creek near Fairview	X	X		1991-04
				X	1992-95
02479985	Crooked Creek at mouth near Wilmer	X	X		1991-92, 96-00
				X	1991-92
024800010	Big Creek Lake cross-section near Semmes	X			2000-02
			X		2000-03
0248000050	Unnamed tributary to Hamilton Creek at Firetower Road near Semmes	X	X		1999-00
02480001	Hamilton Creek below Semmes	X	X		1999-01
02480002	Hamilton Creek at Snow Road near Semmes	X	X		1991-04
				X	1992-95
02480003	Hamilton Creek at powerline near Semmes	X			2000-02
			X		2000-03
02480004	Hamilton Creek (Big Creek Lake Intake) near Semmes	X			1991-92, 96-02, 2004
			X		1991-92, 96-04
				X	1992
02480005	Hamilton Creek near Semmes		X		1969,00
02480008	Big Creek Reservoir at Pump Station near Semmes		X		1971
02480009	Hamilton Creek cross-section at mouth near Semmes	X			2000-02, 2004
			X		2000-04
02480015	Pierce Creek near Seven Hills		X		1969
02480020	Big Creek near Seven Hills		X		1967
02480037	Miller Creek near Dees		X		1967
02480150	Franklin Creek near Grand Bay		X		1967
03568715	Dixie Brown Spring near Valley Head		X		1971
03571850	Tennessee River at South Pittsburg, TN	X	X	X	1982-86
03572110	Crow Creek at Bass	X			1978
			X		1977-83
03572200	Flat Rock Creek near Ider		X		1977
03572210	Flat Rock Creek at Flat Rock		X		1979-81
				X	1979-80

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03572230	Dry Creek near Fabius		X		1979-81
03572300	Mud Creek near Scottsboro		X	X	1979-80
03572400	Bryant Creek near Pisagah		X		1965
					1965, 79-80
03572500	Tennessee River near Scottsboro		X	X	1979-80
03572700	South Sauty Creek near Macedonia		X		1965
					1965, 79-80
				X	1979-80
03572870	Town Creek at Guest		X		1971-72
03572900	Town Creek near Geraldine	X			1978
			X		1965-68, 70-72, 75, 77-83
03572905	Town Creek at Elrod Bridge		X		1971-72
03572990	Short Creek near Myrtle tree Church		X		1965
03573000	Short Creek near Albertville		X		1966-68
03573180	Scarham Creek near Painter		X		1967
03573182	Scarham Creek near McVile	X	X	X	1999-01
03573430	Big Spring Creek near Brooksville		X		1968
03574230	Paint Rock near Princeton		X		1969
03574309	Blue Spring at Guess Creek Church near Princeton	X	X		1990-91
03574500	Paint Rock River near Woodville		X		1965-66, 68-69, 73, 77-83
03574560	Paint Rock River at Butler Mill near Woodville		X		1973, 75-78
03574570	Bethel Spring near Woodville		X		1973
03574580	Tremble Creek near New Hope		X		1973
03574600	Paint Rock River near New Hope		X		1973, 75-82
03574630	New Hope Spring at New Hope		X		1973
03574673	Little Paint Rock Creek at Hebron		X		1973
03574680	Tennessee River near Morgan City		X		1971, 00
03574709	Flint River above Stewart Branch near Fisk		X		1973, 75-78
03574710	Stewart Branch near Hazel Green		X		1973
03574715	State Rock Branch near Hazel Green		X		1973
03574740	Flint River near Fisk		X		1973
03574743	Walker Creek near Hazel Green		X		1973
03574747	Fowler Creek near Hazel Green		X		1973
03574750	West Fork Flint River near Hazel Green	X			1999
			X		1973, 99
				X	1999
03574755	Pigum Branch near Hazel Green		X		1973
03574770	Flint River near New Market		X		1973
03574787	Watercress Spring near New Market		X		1973-77
03574790	Mountain Fork at Old Mountain Fork Road near New Market		X		1973
03574794	Mountain Fork above Hester Creek at New Market	X			1999
			X		1973, 99
03574795	Hester Creek above Plevna		X		1973, 75-78
0357479650	Hester Creek near Plevna	X	X	X	1999-04
03574799	Hester Creek near New Market		X		1965, 73
03574800	Mountain Fork below Hester Creek near New Market		X		1965
03574802	Mountain Fork near New Market		X		1973-78
03574804	Brier Fork Flint River above Huckleberry Branch near Hazel Green		X		1973
03574815	Brier Fork Flint River near Hazel Green		X		1973
03574817	Copeland Creek at Elkwood Section Road near Hazel Green		X		1973
03574818	Steger Spring near Hazel Green		X		1973
03574820	Copeland Creek near Hazel Green		X		1973
03574823	Brier Fork near Hazel Green	X	X	X	1999
03574825	Brier Fork Flint River at U.S. Highway 231 near Meridianville		X		1973
03574835	Brier Fork Flint River above Beaverdam Creek near Meridianville		X		1973, 75-78
03574843	Turner Spring near Toney		X		1973
03574855	Beaverdam Creek at Pulaski Pike near Meridianville		X		1973
03574870	Beaverdam Creek near Meridianville	X			1999
			X		1973, 75,99
				X	1999
03574970	Brier Fork Flint River near Meridianville		X		1965, 73
03574998	Brier Fork Flint River near Chase		X		1973
03575000	Flint River near Chase		X		1965-66, 68-69, 71-78, 80-83
03575015	Boiling Spring near Maysville		X		1973, 75-77
0357502100	Cold Spring (1-T) near Huntsville	X	X		1998
03575020	Flint River near Cedar Gap		X		1971
03575024	Acuff Spring near Chase		X		1977
03575028	Chase Creek near Chase		X		1973
03575040	Flint River near Mount Carmel	X			1978
			X		1971-73, 75-83

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03575100	Flint River at Brownsboro	X		X	1999-04
			X		1973,99-04
03575110	Dug Hill Spring near Brownsboro		X		1973
03575120	Flint River west of Gurley		X		1973, 75-78
03575140	Hurricane Creek near New Market		X		1973, 75
03575150	Hurricane Creek above Molder Branch near Maysville		X		1973
03575154	Murphy Spring near Maysville		X		1973
03575157	Hurricane Creek near Maysville		X		1973
03575175	Beason Spring near Gurley		X		1973
03575200	Hurricane Creek near Gurley		X		1965, 73, 00
03575210	Hurricane Creek west of Gurley		X		1973
03575250	Flint River near Gurley		X		1970, 73
03575252	Esslinger Spring near Owens Cross Roads		X		1973
0357526040	Big Cove Creek at CCC Cistern (13-M) at Huntsville	X	X		1998
0357526060	Big Cove Creek (15-L) above Dug Hill Road near Huntsville	X	X		1998
0357526120	Unnamed Tributary (7-T) to Big Cove Creek at Huntsville	X	X		1998
0357526130	Unnamed Tributary (8-T) to Big Cove Creek at Huntsville	X	X		1998
0357526155	Blue Spring (10-M) at Monte Sano Park at Huntsville	X	X		1998
0357526190	Blue Spring (14-L) near Dug Hill Road near Huntsville	X	X		1998
0357526300	Unnamed Tributary (16-L) to Big Cove Creek near Huntsville	X	X		1998
03575280	Flint River near Big Cove		X		1973
0357529500	Unnamed Tributary (18-M) to Flint River near Huntsville	X	X		1998
03575330	Flint River at Owens Cross Roads		X		1973
03575400	Flint River near Owens Cross Roads		X		1973-78
03575450	Tennessee River near Hobbs Island		X		1971
03575480	Tennessee River at Huntsville Pump Station near Huntsville		X		1971-79, 00
03575490	Tennessee River downstream of Hobbs Island near Whitesburg		X		2000
03575500	Tennessee River at Whitesburg		X		1968, 71, 74, 82-83
0357568810	Unnamed Tributary (17-T) to Martin Hollow at Huntsville	X	X		1998
03575692	Esslinger Spring at Huntsville		X		1973
03575696	Aldridge Creek near Lily Flagg		X		1971-75
03575730	Aldridge Creek at Farley		X		1973
03575734	Aldridge Creek near Whitesburg		X		1971, 73
03575736	Tennessee River at Farley		X		1971
03575760	Kelly Spring near Harvest		X		1973-74, 76-77
03575780	Indian Creek near Monrovia		X		1973
03575788	Dupree Branch near Harvest		X		1973
03575808	Dry Creek near Madison		X		1973
03575810	Indian Creek at U.S. Highway 72 near Huntsville		X		1973
03575830	Indian Creek near Madison	X		X	1999
			X		1973,82-83, 99
03575850	Indian Creek near Huntsville		X		1973
03575851	Indian Creek downstream from Martin Road near Huntsville		X		1973
0357586160	Fagan Creek (2-M) at Bluff Line Trail at Huntsville	X	X		1998
0357586170	Fagan Springs (3-L) at Huntsville	X	X		1998
0357586172	Unnamed Tributary (9-T) to Fagan Branch at Huntsville	X	X		1998
0357586173	Unnamed Tributary (6-T) to Fagan Creek at Huntsville	X	X		1998
0357586175	Unnamed Tributary (5-M) to Fagan Creek at Huntsville	X	X		1998
0357586180	Fagan Creek (4-L) near Owens Drive at Huntsville	X	X		1998
0357586550	Unnamed Tributary (11-M) to Fagan Creek at Huntsville	X	X		1998
0357586560	Unnamed Tributary (12-L) to Fagan Creek at Huntsville	X	X		1998
03575868	Dallas Branch at Huntsville		X		1973
03575888	Pinhook Creek at Holmes Avenue at Huntsville		X		1973
03575932	Highway runoff into Broglan Branch at I-565 at Huntsville	X	X	X	1993
03575935	Broglan Branch at Huntsville		X		1973
03575950	Huntsville Spring Branch (Johnson Road) near Huntsville		X		1971-74, 76-78
03575953	Tributary to Huntsville Spring Branch at Huntsville Landfill at Huntsville		X		1973
03575955	Huntsville Spring Branch (above Sewage Plant) near Huntsville		X		1972-74, 77-78
03575960	Huntsville Spring Branch at Martin Road near Huntsville		X		1972-80, 82-83
03575963	Byrd Spring at Huntsville		X		1976-77
03575980	McDonald Creek at Patton Road near Huntsville		X		1973
03575994	McDonald Creek at Martin Road at Huntsville		X		1973
03576000	Huntsville Spring Branch at Patton Road near Huntsville		X		1973, 75-78
03576020	Huntsville Spring Branch (Dodd Road) near Huntsville		X		1973, 75-78
03576062	Betts Spring near Madison		X		1973
03576070	Mill Creek at Madison		X		1973
03576082	Bradford Creek at James Record Road near Madison		X		1973
03576090	Betts Spring Branch near Madison		X		1973
03576100	Miller Branch near Triana		X		1965, 68, 71, 73

ACTIVE AND DISCONTINUED PARTIAL-RECORD AND MISCELLANEOUS SURFACE-WATER-QUALITY STATIONS--Continued

Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03576103	Indian Creek downstream from Martin Road near Huntsville		X		1971
03576105	Huntsville Spring at Huntsville		X		1968
03576108	Huntsville Spring Branch at Martin Road near Huntsville		X		1971
03576110	Barren Fork Creek near Triana		X		1971, 73, 75-78
03576120	Tennessee River near Triana		X		1974
03576148	Cotaco Creek at Florette	X			1978
			X		1966, 68-69, 71-74, 77-83
				X	1979-80
03576150	Cotaco Creek near Florette		X		1965-66
03576201	Limestone Creek near Bobo		X		1973
03576206	Limestone Creek at Toney		X		1973
03576207	Limestone Creek near Toney	X	X	X	1999
03576208	Limestone Creek below Toney		X		1973
03576220	Tyrone Creek near Bethel		X		1973
03576225	Little Limestone Creek below Tyrone Creek near Toney		X		1973
03576226	Little Limestone Creek near Toney	X	X	X	1999
03576229	Limestone Creek at Madison-Limestone County line near Toney		X		1973
03576235	Leslie Branch near Harvest		X		1973
03576245	Copperrun Branch at Capshaw		X		1973
03576247	Knox Creek at Capshaw		X		1973
03576250	Limestone Creek near Athens		X		1968-69
03576350	Piney Creek near Reunion		X		1968
03576390	Piney Creek at Athens		X		1967-68
03576400	Piney Creek above Athens		X		1965, 67-69
03576405	Piney Creek near Athens	X	X	X	1999
03576500	Flint Creek near Falkville	X			1978
			X		1965, 68, 71, 77-81
				X	1979-81
03576800	Blowing Springs Branch near Wren		X		1965
03576810	Elam Creek near Wren		X		1965, 68
03577000	West Flint Creek near Oakville	X			1995
			X		1965, 68, 95
03577194	Swan Creek near Piney Chapel		X		1967-68
03577196	Swan Creek at Athens		X		1970
03577200	Swan Creek near Athens		X		1965
03577202	Swan Creek at U.S. Highway 72 near Athens		X		1967-68, 70-72
03577220	Town Creek near Athens		X		1967-68
03577280	Swan Creek near Tanner Crossroad	X	X	X	1999
03577490	Round Island Creek near Lawson	X	X	X	1999
03584545	Ragsdale Creek near Pettusville		X		1967-68
03585225	Sulphur Creek near Elkmont		X		1967-68
03585230	Elk River near Gipse		X		1965
03585300	Sugar Creek near Good Springs		X		1965, 68-69
03585305	Ridgeway Mill Spring at Good Springs		X		1971-72
03585400	Anderson Creek at Anderson		X		1965
03585800	Second Creek near Lexington		X		1965
03586000	Wheeler Lake at Wheeler Dam near Decatur		X		1971
03586200	Crow Branch near Moulton		X		1965
03586210	Muddy Fork near Moulton	X	X		1995
03586240	Muddy Fork at State Highway 157 near Moulton	X	X		1995, 99
				X	1999
03586350	Turkey Creek near Moulton		X		1965
03586400	Clear Fork below Masterson Mill	X	X	X	1999
03586500	Big Nance Creek at Courtland		X		1965-69, 71-72, 80-83
03587378	Mud Creek near Old Bethel	X	X	X	1999
03587380	Town Creek near Old Bethel		X		1965
03587390	Town Creek near Town Creek		X		1965, 70-71
03589000	Wilson Lake near Florence		X		1970-71
03589257	Tributary to Pond Creek at Muscle Shoals		X		1971
03589500	Tennessee River at Florence		X		1965-66, 68, 72-80, 82-83
03590000	Cypress Creek at Florence		X		1965
03590300	Spring Valley Creek at Spring Valley		X		1965
03590450	Spring Creek near Tuscumbia	X	X	X	1999
03590500	Tuscumbia Spring at Tuscumbia		X		1965, 68, 70, 74, 82-83
03590550	Little Bear Creek near Tuscumbia	X	X	X	1999
03590646	Sinking Creek below Woodland	X	X	X	1999
03590680	Tennessee River at Smithsonia		X		1971
03591800	Bear Creek near Hackleburg	X			1978
			X		1965-69, 77-83
				X	1979-80
03591825	Bear Creek at Military Bridge near Hackleburg	X	X		1979-81
03591899	Bear Creek Lake near Atwood		X		1971-72

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Station number	Station name	Type of record			Period of record
		Biol	Chem	Sedi	
03592000	Bear Creek near Red Bay		X		1965-66, 68-69, 71-73, 75
03592101	Bear Creek at Mingo		X		1972
03592150	Dunkin Creek near Russellville		X		1965
03592200	Cedar Creek near Pleasant Site	X			1978
			X		1965, 68, 73, 75, 77-83
03592300	Little Bear Creek near Halltown		X		1965, 68-69
03592500	Bear Creek at Bishop		X		1965-66, 68-69, 72-74
03592600	Buzzard Roost Creek near Cherokee		X		1965
03592605	Browns Creek near Cherokee		X		1965
331609087305201	GSA Lake Tuscaloosa Site 36		X		2005
331611087305401	GSA Lake Tuscaloosa Site 37		X		2005
331618087302401	GSA Lake Tuscaloosa Site 43		X		2005
331636087300001	GSA Lake Tuscaloosa Site 45		X		2005
331640087311101	GSA Lake Tuscaloosa Site 39		X		2005
331642087310401	GSA Lake Tuscaloosa Site 38		X		2005
331650087305801	GSA Lake Tuscaloosa Site 42		X		2005
331652087311101	GSA Lake Tuscaloosa Site 41		X		2005
331656087300001	GSA Lake Tuscaloosa Site 47		X		2005
331706087314501	GSA Lake Tuscaloosa Site 56		X		2005
331709087300401	GSA Lake Tuscaloosa Site 50		X		2005
331728087302401	GSA Lake Tuscaloosa Site 51		X		2005
331747087304501	GSA Lake Tuscaloosa Site 55		X		2005
331748087302801	GSA Lake Tuscaloosa Site 54		X		2005
331757087314701	GSA Lake Tuscaloosa Site 68		X		2005
331805087304601	GSA Lake Tuscaloosa Site 60		X		2005
331805087334401	GSA Lake Tuscaloosa Site 84		X		2005
331812087333301	GSA Lake Tuscaloosa Site 80		X		2005
331818087305601	GSA Lake Tuscaloosa Site 61		X		2005
331840087303801	GSA Lake Tuscaloosa Site 66		X		2005
331841087330101	GSA Lake Tuscaloosa Site 77		X		2005
331858087333501	GSA Lake Tuscaloosa Site 86		X		2005
331914087304101	GSA Lake Tuscaloosa Site 64		X		2005
331920087315301	GSA Lake Tuscaloosa Site 93		X		2005
331930087312501	GSA Lake Tuscaloosa Site 95		X		2005
331952087330601	GSA Lake Tuscaloosa Site 114		X		2005
332017087362101	GSA Lake Tuscaloosa Site 173		X		2005
332026087313401	GSA Lake Tuscaloosa Site 106		X		2005
332028087334401	GSA Lake Tuscaloosa Site 122		X		2005
332035087324601	GSA Lake Tuscaloosa Site 117		X		2005
332043087361901	GSA Lake Tuscaloosa Site 172		X		2005
332100087311101	GSA Lake Tuscaloosa Site 104		X		2005
332111087344401	GSA Lake Tuscaloosa Site 156		X		2005
332121087351501	GSA Lake Tuscaloosa Site 166		X		2005
332124087363901	GSA Lake Tuscaloosa Site 178		X		2005
332129087360401	GSA Lake Tuscaloosa Site 181		X		2005
332139087364601	GSA Lake Tuscaloosa Site 179		X		2005
332141087362401	GSA Lake Tuscaloosa Site 180		X		2005
332156087323301	GSA Lake Tuscaloosa Site 131		X		2005
332156087360501	GSA Lake Tuscaloosa Site 182		X		2005
332200087353401	GSA Lake Tuscaloosa Site 185		X		2005
332232087355201	GSA Lake Tuscaloosa Site 34		X		2005
332241087343201	GSA Lake Tuscaloosa Site 32		X		2005
332253087361601	GSA Lake Tuscaloosa Site 12		X		2005
332318087341901	GSA Lake Tuscaloosa Site 16		X		2005
332400087324401	GSA Lake Tuscaloosa Site 19		X		2005
332403087363501	GSA Lake Tuscaloosa Site 7		X		2005
332422087370701	GSA Lake Tuscaloosa Site 1		X		2005
332454087364601	GSA Lake Tuscaloosa Site 4		X		2005
332455087353201	GSA Lake Tuscaloosa Site 30		X		2005

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Conversion Factors

Multiply	By	To obtain
Length		
inch (in.)	2.54×10^1	millimeter (mm)
	2.54×10^{-2}	meter (m)
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^0	kilometer (km)
Area		
acre	4.047×10^3	square meter (m ²)
	4.047×10^{-1}	square hectometer (hm ²)
	4.047×10^{-3}	square kilometer (km ²)
square mile (mi ²)	2.590×10^0	square kilometer (km ²)
Volume		
gallon (gal)	3.785×10^0	liter (L)
	3.785×10^{-3}	cubic meter (m ³)
	3.785×10^0	cubic decimeter (dm ³)
million gallons (Mgal)	3.785×10^3	cubic meter (m ³)
	3.785×10^{-3}	cubic hectometer (hm ³)
cubic foot (ft ³)	2.832×10^{-2}	cubic meter (m ³)
	2.832×10^1	cubic decimeter (dm ³)
cubic-foot-per-second day [(ft ³ /s) d]	2.447×10^3	cubic meter (m ³)
	2.447×10^{-3}	cubic hectometer (hm ³)
acre-foot (acre-ft)	1.233×10^3	cubic meter (m ³)
	1.233×10^{-3}	cubic hectometer (hm ³)
	1.233×10^{-6}	cubic kilometer (km ³)
Flow		
cubic foot per second (ft ³ /s)	2.832×10^1	liter per second (L/s)
	2.832×10^{-2}	cubic meter per second (m ³ /s)
	2.832×10^1	cubic decimeter per second (dm ³ /s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m ³ /s)
	6.309×10^{-2}	cubic decimeter per second (dm ³ /s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second (m ³ /s)
	4.381×10^1	cubic decimeter per second (dm ³ /s)
Mass		
ton (short)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

